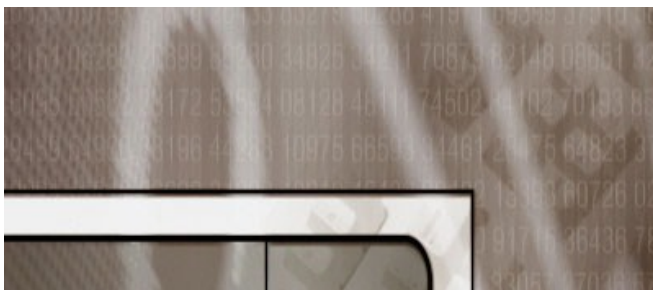


Perfect Resize 7 User Guide

User Manual

Created: Thursday, November 10, 2011



Perfect Resize 7 User Guide

The title page normally introduces your product or service. You might include the author's name, company name, company logo, copyright information, etc.

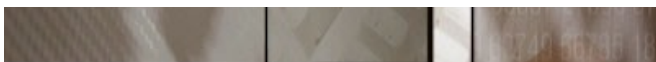




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Perfect Resize 7 User Guide Help

Welcome to onOne Software™ Perfect Resize 7

Perfect Resize 7, the next generation of Genuine Fractals, is the industry standard for image resizing. It is renowned across the photographic and printing industries for its ability to increase image size over 1000% without the loss of sharpness or detail that you would normally expect. Its patented, fractal based interpolation algorithms work like nothing else and the results speak for themselves. Perfect Resize 7 allows you to crop and resize your image in a single step with no guess work. Its new Tiling and Gallery Wrap features makes it easy to get your enlargements printed just the way you want. Fire up the batch processing engine to resize an entire folder of images quickly. You can even access the power of Perfect Resize inside of Adobe Photoshop Lightroom or Apple Aperture.

If you're unable to find what you're looking for in this help system, try these [alternative resources](#), or contact our [customer support department](#).

Most popular pages

[Welcome](#)
[Improved Gallery Wrap](#)
[Improved Tiling](#)
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[Contacting onOne Software](#)
[Other Enhancements](#)
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[Opening Perfect Resize](#)
[System Requirements](#)
[Installation](#)

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[Home](#) > [Welcome](#) > Using this Help System

Using this Help System

The user guide for Perfect Resize 7 is presented in html and is readable in most web browsers. When you access the user guide from the help menu it will appear in your default web browser.

On the left side you will see a table of contents that makes it easy to find the section you are looking for. The table of contents are hyperlinks that will take you to that section when you click on any of them. The main body of the page will show you the content you have requested. Use the scroll-bar at the right to scroll down for additional content. You may see additional hyperlinks in the body text. They will be blue and underlined. Clicking on one of these hyperlinks will take you to more relevant information.

You use the same forward and back buttons in your browser to navigate this user guide as you would a regular web page. You can even bookmark pages so you can find them quickly in the future.

If you don't see what you are looking for in the table of contents, try the search field. You can type in what you are looking for and an index of pages will be created automatically that contain your search term.

[You can access a printable \(PDF\) version of this user guide here.](#)

See also

[Additional Resources](#)
[Contacting onOne Software](#)

[Home](#) > [Welcome](#) > [Additional Resources](#)

Additional Resources

Knowledge Base

Search the knowledge base for common bugs, tips & tricks, and compatibility issues with other software.

Video Tutorials

Check the online video tutorials.

Technical Support

Contact technical support by filing out a request form

[Home](#) > [Welcome](#) > [Contacting onOne Software](#)

Contacting onOne Software

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<http://www.onOnesoftware.com>

For Technical Support please visit:
<http://www.onOnesoftware.com/support>

Sales
For sales please call 1-888-968-1468

See also

[Using this Help System](#)
[Additional Resources](#)

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Articles in this section



[System Requirements](#)



[Installation](#)



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[Activation and
Registration](#)

[Home](#) > [Installation](#) > [System Requirements](#)

System Requirements

Macintosh

- Mac OS X 10.6 or 10.7 (current maintenance releases)
- Intel Core 2 Processor or higher
- 4GB RAM (8GB or higher recommended)
- 100 MB of hard disk space
- OpenGL 2 compatible video card with 256MB dedicated VRAM or higher at 1200x800 or higher display
- Internet connection for activation, updates and tutorial movies
- Administrator privileges for installation
- Optional integration with Adobe Photoshop Lightroom 2 or 3
- Optional integration with Apple Aperture 2.1 or 3

Windows

- Windows XP, Vista or Windows 7 (current maintenance releases)
- Intel Core 2 Processor or higher
- 4GB RAM or higher (8GB or higher recommended)
- 100 MB of hard disk space
- OpenGL 2 compatible video card with 256MB dedicated VRAM or higher at 1200x800 or higher display
- Internet connection for activation, updates and tutorial movies
- Administrator privileges for installation
- Optional integration with Adobe Photoshop Lightroom 2 or 3
- Microsoft .NET 2.0 framework or higher

About Windows Video Cards

If you are using Perfect Layers from a Windows based computer, it is important that you have the latest drivers for your video card installed to get the best performance. Check with your video card manufactures website for the latest drivers. Be sure your video card is OpenGL 2 compliant and has 256MB or more of dedicated VRAM. Many integrated video cards on low-end laptops may not meet these requirements.

[Home](#) > [Installation](#) > [Installation](#)

Installation

To install Perfect Resize, double-click the installer. You may have downloaded it from the onOne Software web site or if you have the boxed version you can find it on the provided DVD. The installer will walk you through the installation process.

Macintosh

- The installer installs all necessary files into all supported versions of Photoshop or optional hosts.
- If more than one copy of the same version of Photoshop is found, Perfect Resize 7.0 will be installed in all of them.
- Perfect Resize 7.0 is installed into the "Plug-Ins" folder inside of the /Applications/Adobe Photoshop/ directory.
- The Lightroom plug-in is installed into /Library/Application Support/Adobe/Lightroom/Modules
- The Aperture plug-in is installed into /Library/Application Support/Aperture/Plug-ins
- The Preferences files are created in the installing user's Library/Preferences/ directory.
- Support files are installed into /Library/Application Support/onOne Software/
- A standalone application version will be installed in your Applications directory

Windows XP

- If the installer detects multiple versions of Photoshop it will ask which version it should be installed into.
- The installer may be run multiple times to install Perfect Resize 7.0 into multiple versions of Photoshop.
- If the installer does not automatically detect the desired version of Photoshop it will allow the user to browse to their plug-in folder manually.
- If the installer detects Lightroom it will automatically install its plug-in if present.
- **Perfect Resize is installed into the "Plug-Ins" folder inside of the \Program Files\Adobe\Adobe Photoshop folder.**
- The Lightroom plug-in is installed into \Documents & Settings\All Users\Adobe\Lightroom\Modules.
- The Preferences files are created in \Documents & Settings\[user]\Application Data\onOne Software\Perfect Resize folder.
- Support files are installed into \Documents & Settings\All Users\Application Data\onOne Software\Perfect Resize folder.
- A standalone application version will be installed in your Program Files directory.

Windows Vista and 7

- If the installer detects multiple versions of Photoshop it will ask which version it should be installed into.
- The installer may be run multiple times to install Perfect Resize 7.0 into multiple versions of Photoshop.
- If the installer does not automatically detect the desired version of Photoshop it will allow the user to browse to their plug-in folder manually.
- The installer will detect Lightroom and automatically install its plug-in if present.
- **Perfect Resize is installed into the "Plug-Ins" folder inside of the \Program Files\Adobe\Adobe Photoshop folder.**
- The Lightroom Plug-in will be installed into \ProgramData\Adobe\Lightroom\Modules
- The Preferences files are created in \Users\[user]\AppData\Roaming\onOne Software\Perfect Resize folder.
- Support files are installed into \ProgramData\onOne Software\Perfect Resize
- A standalone application version will be installed in your Program Files directory.

See also

[System Requirements](#)
[Uninstalling](#)
[Activation and Registration](#)

[Home](#) > [Installation](#) > [Uninstalling](#)

Uninstalling

To uninstall Perfect Resize follow these instructions.

Macintosh

1. Deactivate Perfect Resize by launching it and selecting deactivate from the Help menu.
2. Quit Photoshop.
3. Navigate to the Plug-Ins folder of your host applications. For example Applications/Adobe Photoshop CS3/Plug-Ins
4. Locate the Perfect Resize 7 folder and move it to the trash
5. Navigate to the Perfect Resize support files and frames located at Library/Application Support/onOne Software/
6. Move the Perfect Resize 7 folder to the trash
7. Navigate to the Applications folder and move the Perfect Resize 7 folder to the trash
8. If you have Lightroom installed, remove the Perfect Resize.lrplugin file from /Application Support/Adobe/Lightroom/Modules
9. If you have Aperture installed, remove the Perfect Resize.ApertureEdit file from /Applications/Aperture/Plug-Ins

Window XP

1. Deactivate Perfect Resize by launching it and selecting deactivate from the Help menu.
2. Quit Photoshop.
3. Click on the start menu and select Control Panel.
4. Double-click on Add/Remove programs.
5. Select Perfect Resize 6 and click remove.

Window Vista and 7

1. Deactivate Perfect Resize by launching it and selecting deactivate from the Help menu.
2. Quit Photoshop.
3. Click on the start menu and select Control Panel.
4. Select Programs, then Uninstall a Program.
5. Select Perfect Resize 6 and click remove.

See also

[System Requirements](#)
[Installation](#)
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[Home](#) > [Installation](#) > [Activation and Registration](#)

Activation and Registration

Perfect Resize 7 will operate as a trial version for 30 days from when it is installed. If you have purchased Perfect Resize you will want to license it so you can continue to use it past the trial period. When you install Perfect Resize it will prompt you to license it. Simply click on the license button and enter your license code. Your license code can be found in your order confirmation email if you purchased Perfect Resize electronically or on a sticker on the information card in the boxed version. Your license code allows you to install Perfect Resize on two computers. When you enter your license code Perfect Resize communicates with the onOne activation server and will activate your software. Your software must be licensed and activated to function past the trial period. If the computer you are activating does not have access to the internet you can manually activate your software by following the manual activation instructions in the license dialog.

If you wish to move your copy of Perfect Resize from one activated computer to new computer you will need to deactivate it first. Deactivation is a simple process. Simply open Perfect Resize and select deactivate from the Help menu. This will deactivate Perfect Resize on the current machine, allowing you to install and activate it on another machine.

If you lose your activation code, have your computer stolen and can not deactivate it or have other activation issues please contact onOne customer service at 888-968-1468 or visit the support section of the onOne software website <http://www.ononesoftware.com/support>.

It is important to register your copy of Perfect Resize so we can provide you with the best possible service. Registered users of Perfect Resize are eligible for technical support, information regarding new versions and products, discounts and special offers on new products.

See also

[System Requirements](#)
[Installation](#)
[Uninstalling](#)

[Home](#) > [What's New in Perfect Resize 7](#)

What's New in Perfect Resize 7

Perfect Resize 7 is a major update to the award-winning Genuine Fractals. We listened to you, the customer, when designing it and have added several user requested features. This includes the new Batch, Tiling and Gallery Wrap features as well as many other enhancements. Below is a list of the changes in Perfect Resize 7 which we are sure you will benefit from.

Perfect Resize 7 comes in two editions, Professional and Standard. Both use the same patented, award winning algorithms. The professional edition adds several new features that make it a must have for professional image makers. These include the gallery wrap feature for printing on canvas as the integration with workflow applications like Aperture and Lightroom. The professional edition also contains support for CMYK images for pre-press workflow.

Perfect Resize 7 Feature Comparison	Professional Edition	Standard Edition
Resize images over 1000%	Yes	Yes
Maintain sharp edges and minute details	Yes	Yes
Control texture for maximum quality with different image types	Yes	Yes
Apply sharpening based on luminosity only	Yes	Yes
Add simulated film grain for increased perceptual sharpness	Yes	Yes
Includes document size presets for common paper and photographic sizes	Yes	Yes
Supports cropping and resizing in one step	Yes	Yes
Support RGB images	Yes	Yes
Supports Grayscale images	Yes	Yes
Supports LAB images	Yes	Yes
Supports CMYK images	Yes	
Supports layered files	Yes	Yes
Create tilted mosaics	Yes	Yes
Add extended margins for printing on canvas	Yes	
Batch process multiple files	Yes	Yes
Integrates with Apple Aperture	Yes	
Integrates with Photoshop Lightroom	Yes	
Work as a standalone without Photoshop	Yes	Yes

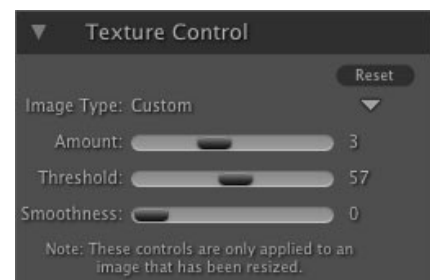
New Features

[NEW Smoothness Control](#)
[NEW Sharpening](#)
[NEW Loupe Tool](#)
[NEW Presets](#)
[Improved Gallery Wrap](#)
[Improved Tiling](#)
[Lightroom and Aperture Integration](#)
[Other Enhancements](#)

[Home](#) > [What's New in Perfect Resize 7](#) > [NEW Smoothness Control](#)

NEW Smoothness Control

The new smoothness control in the Texture pane gives you the ability to adjust the smoothness of curved edges to minimize artifacts, especially when starting with small jpg files.



See also

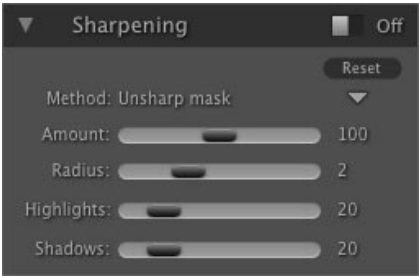
[NEW Sharpening](#)

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- [Lightroom and Aperture Integration](#)
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Home > What's New in Perfect Resize 7 > NEW Sharpening

NEW Sharpening

Two new sharpening methods have been added. One targets out-of-focus images. The second method adapts the sharpening amount automatically to the size of image details. This allows it to sharpen small details greatly without causing halos on larger, distinct edges.



See also

- [NEW Smoothness Control](#)
- [NEW Loupe Tool](#)
- [NEW Presets](#)
- [Improved Gallery Wrap](#)
- [Improved Tiling](#)
- [Lightroom and Aperture Integration](#)
- [Other Enhancements](#)

Home > What's New in Perfect Resize 7 > NEW Loupe Tool

NEW Loupe Tool

The Loupe function of the Navigator gives an instant 1 to 1 magnified preview of enlargement quality while still seeing the entire image.



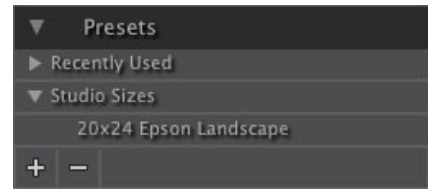
See also

- [NEW Smoothness Control](#)
- [NEW Sharpening](#)
- [NEW Presets](#)
- [Improved Gallery Wrap](#)
- [Improved Tiling](#)
- [Lightroom and Aperture Integration](#)
- [Other Enhancements](#)

Home > What's New in Perfect Resize 7 > NEW Presets

NEW Presets

The new presets feature allows you to save your most commonly used settings, making it faster to get consistent results.



See also

[NEW Smoothness Control](#)
[NEW Sharpening](#)
[NEW Loupe Tool](#)
[Improved Gallery Wrap](#)
[Improved Tiling](#)
[Lightroom and Aperture Integration](#)
[Other Enhancements](#)

[Home](#) > [What's New in Perfect Resize 7](#) > [Improved Gallery Wrap](#)

Improved Gallery Wrap

The improved Gallery Wrap feature is designed to help you print on canvas. When making enlargements for canvas it is common to wrap a portion of the image around the wooded stretcher bars, which can be several inches thick, that are used for mounting the canvas. These are commonly called gallery wraps. However if the photographer had important detail near the edges of the image they may be lost in the wrapping process. The improved Gallery Wrap feature in Perfect Resize 7 Professional Edition automatically creates extended margins by reflecting or stretching the areas near the edge of the image allowing the photographer to create a gallery wrap without having to sacrifice any of the original image. The Gallery Wrap feature allows you to select the thickness of the canvas mounting bars and offers a variety of techniques for creating additional margins.

You can now preview the results from the Gallery Wrap feature in real-time. It now automatically fills in the corners with matching image detail as well. You can even add a color overlay and adjust its opacity.



Professional Edition Feature



Learn More

[Gallery Wrap](#)

See also

[NEW Smoothness Control](#)
[NEW Sharpening](#)
[NEW Loupe Tool](#)
[NEW Presets](#)
[Improved Tiling](#)
[Lightroom and Aperture Integration](#)
[Other Enhancements](#)

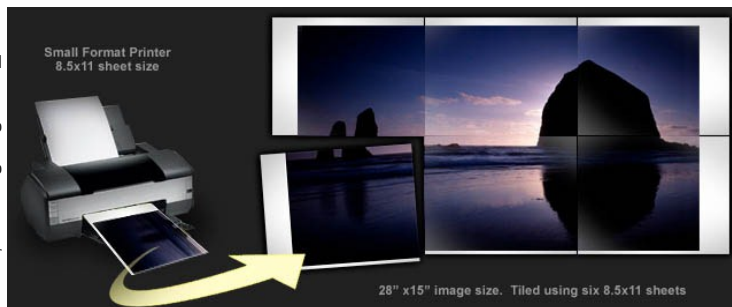
[Home](#) > [What's New in Perfect Resize 7](#) > [Improved Tiling](#)

Improved Tiling

The Tiling feature will divide an enlargement into smaller pieces

that can be printed on a smaller printer. Lets say you want to create a mural that is 8 feet tall by 12 feet long but your printer can only print 24 inch wide strips. With the tiling feature you could automatically create 4 separate files that are 24" wide and 8 feet tall so you can create your mural in sections. With the tiling feature all you need to do is specify the size of paper you have to print on and if you would like the pages to overlap at all. Then Perfect Resize 7 will resize your image and then break it down into the individual tiles.

The Tiling Feature now automatically saves each tile as new file; and you can use the Tiling and Gallery Wrap features together for creating canvas diptychs, triptychs or mosaics.



Learn More

[Tiling](#)

See also

[NEW Smoothness Control](#)

[NEW Sharpening](#)

[NEW Loupe Tool](#)

[NEW Presets](#)

[Improved Gallery Wrap](#)

[Lightroom and Aperture Integration](#)

[Other Enhancements](#)

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Lightroom and Aperture Integration

As Photographers shift their workflow burden from pixel editors like Photoshop to workflow applications like Photoshop Lightroom and Apple Aperture, onOne is now providing the ability to use Perfect Resize inside of these applications where photographers are spending more of their time. Users can access Perfect Resize without the need to have Photoshop.



Professional Edition Feature

Learn More

[Photoshop Lightroom Use](#)

[Aperture Use](#)

See also

[NEW Smoothness Control](#)

[NEW Sharpening](#)

[NEW Loupe Tool](#)

[NEW Presets](#)

[Improved Gallery Wrap](#)

[Improved Tiling](#)

[Other Enhancements](#)

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Other Enhancements

Perfect Resize 7 also has many minor refinements that add up to a better user experience.

- The batch-processing engine now has more options for controlling the image dimensions, especially when dealing with images of mixed size, type and orientation. You can now batch process images using Perfect Resize from the Export dialog inside of Lightroom.
- New Document Size Preset for no-crop and panoramic enlargements.
- Resolution presets in the resolution field for common printers.

See also

[NEW Smoothness Control](#)

[NEW Sharpening](#)

[NEW Loupe Tool](#)

NEW Presets
Improved Gallery Wrap
Improved Tiling
Lightroom and Aperture Integration

Home > Getting Started

Getting Started

This getting started section will give you only the basics of using Perfect Resize. If you have never used Perfect Resize before this is a good place to start. You might also try watching the [getting started video tutorial](#). For detailed information on steps and controls mentioned in the getting started section see the Using Perfect Resize section instead.

Articles in this section

- [Understanding Resolution](#)
- [How Big Can You Print](#)
- [When Should I Use Perfect Resize](#)
- [Supported File Types](#)
- [Opening Perfect Resize](#)
- [Understanding the Interface](#)

Home > Getting Started > Understanding Resolution

Understanding Resolution

How Much Resolution Do I Need?

That's a common question that we hear. To answer it you need to know two things:

- the size of the print you need to make
- the resolution that your printer needs for the best results

The size of the print is simply however large a print you would like to make. This may be limited by the size of your printer. The resolution that your printer needs may be a little trickier to figure out. Resolution is the density of the pixels for a given distance, usually measured in pixels or dots per inch. Most modern inkjet printers print anywhere from 1200 to 4800 dots per inch (what the printer manufacturers really mean is 1200-4800 droplets of ink per inch). Inkjet printers use many tiny round droplets of relatively few, 4-12 ink colors to reproduce one square pixel in your image that could be any of millions of colors. A common mistake is to set the resolution of the file to the resolution of the printer. In all but a few special printers this will result in huge files that will not print well, if at all. The secret is that the human eye can not see much more than 250-300 pixels per inch. So the ideal resolution for your files should be close to this and be an even multiple of the printers resolution. Once you know the print size and resolution it is easy to use Perfect Resize 5 to resize your file to the desired output. Simply input the resolution and then either the print width or height. You'll see that the corresponding dimension is automatically filled in by Perfect Resize 5 based on the proportions of your image. Keep the proportions in mind because the proportions of films, digital camera sensors and papers can all be different. For example most digital cameras sensors are proportioned so that the height is two thirds the width or 1:1.5; While the most common paper size, in the US, is letter which is 8.5x11 inches or a about 1:1.25. These kinds of proportion mis-matches are common and require that the original image be cropped to fit the proportions of the paper size. If your image cannot be cropped without ruining the composition then you will need to adjust your print size to longer dimension.

	Good	Better	Best
Epson	180	240	360
Canon	150	200	300
Hewlett Packard	150	200	300
Dye-Sublimation	300	300	300
Photo Labs	200	250	300

Resizing an image larger than the original size requires that new pixels be created. This process is called interpolation or resampling. There are many mathematical ways, called algorithms, to do this. The most common method used by by many pixel editing applications is called bicubic interpolation. Bicubic along with its newer variants bicubic smoother and bicubic sharper work by averaging a small group of neighboring pixels to determine the color value of the new pixels to be added. While this technique is fast, it does not distinguish edges so there is a uniform loss of sharpness and detail across the image.

Perfect Resize patented scaling algorithm is fundamentally different from bicubic or other interpolation methods. While these other methods sample nearby pixels and decide upon new pixel values one by one, fractal scaling samples nearby "blocks", square groups of pixels and varying sizes, compares them to smaller versions of the original image and mosaics these patches together to create a larger version of the original. By doing this repeatedly, many times the characteristics of the image like edges, smooth areas, and textures are reinforced for each larger version. Noise is de-emphasized and sharp details are maintained. All of this number crunching may take a bit longer than the single pass interpolation methods like bicubic, but good things come to those who wait and reward is far superior

results.

See also

[How Big Can You Print](#)
[When Should I Use Perfect Resize](#)
[Supported File Types](#)
[Opening Perfect Resize](#)
[Understanding the Interface](#)

Home > Getting Started > How Big Can You Print

How Big Can You Print

People often ask how large of a print they can make with Perfect Resize. If your original image is sharp, has good details and little noise you could go as large as 1000% of the original size. 1000% is ten times the size of the original file. For example, an original file that is 8"x10" could be resized to 80"x100". That's pretty simple, no loss in image quality is a bit more subjective. Viewing distance can be a big part of that. Standard viewing distances are 2-3x the diagonal of a print or examples above for an 8"x10" it would be 25.6"-38.4". For the 80"x100" you are talking about 21'-32' away. That seems like a lot but that image that is almost 10x the size of the original. Keep in mind that many photographers scrutinize their images closer than standard viewing distances.

Another way to explain it is that images are perceived in several ways; color, tonality and sharpness. Other interpolation techniques maintain color and tonality sacrifice sharpness by "inflating" the image uniformly. The image still looks familiar but will not be crisp. Depending on the amount of interpolation this can be severe and noticeable even at standard viewing distances. Perfect Resize maintains the color, tonality and sharpness of an image at all sizes. That way it will always look the same when viewed at the proper distances.

It is unrealistic to assume that the fidelity when viewed at 100% will be the same for an 8x10 and an 80x100 created by Perfect Resize. Perfect Resize will maintain the edges which perceptually make the image sharp, but it can not create detail where there was none in the past. When the shutter is pressed, a finite amount of detail is captured. A good way to think about this is to look at an insect on a leaf. If you look at it with a magnifying glass you will see more detail than you did then when looking at it with the naked eye. Now if you take a digital photograph of that same insect and look at it in the computer and zoom in past 100% you do not see any more detail. The amount of information you see is limited by what the camera captured. Perfect Resize works the same way, we are just taking the finite amount of detail available and increasing it in size, not creating new detail.

Perfect Resize isn't magic. We have all watched scenes from movies and television shows like CSI, where they take an ATM security photo and enlarge the reflection of the victim's eye to see the killer, with results that look amazing. This is pure science fiction, and I explained why above. You can not create detail where there was none before. Unfortunately many people see these and expect that it is really possible when it is not.

Well enough rambling, the long and short of it is that Perfect Resize will do a better job of interpolating a digital file than any other software available, believe me I have done hundreds of tests. If your original file has good detail and little noise you will be able to make very good looking enlargements from your files. The chart below can help you determine the size of print you can create. It's interactive so mouse over the megapixel rating for your camera and watch the chart.

See also

- [Understanding Resolution](#)
- [When Should I Use Perfect Resize](#)
- [Supported File Types](#)
- [Opening Perfect Resize](#)
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Home > Getting Started > When Should I Use Perfect Resize

When Should I Use Perfect Resize

Perfect Resize should be used as one of the last steps in your workflow before printing. The power of Perfect Resize is in the concept of resolution on demand. You can work with a modest size file, which makes your editing faster and takes less hard drive space and memory. Then when you are ready to output your file you **resize it with Perfect Resize to the desired size and sharpen it for output. This also means that you don't have to keep multiple versions of a file at different print sizes, you just create what you need on-the-fly.** Perfect Resize now supports layered Photoshop files so you can maintain all of your layers, of any type, throughout the entire process.

See also

- [Understanding Resolution](#)
- [How Big Can You Print](#)
- [Supported File Types](#)
- [Opening Perfect Resize](#)
- [Understanding the Interface](#)

Home > Getting Started > Supported File Types

Supported File Types

When used through Photoshop or Photoshop Elements, Perfect Resize supports any 8 or 16 bit RGB file that can be opened by Adobe® Photoshop®. This includes Jpeg, PSD and TIF as well as Raw files from digital cameras and many other formats. If you routinely work in Grayscale or CMYK, simply convert your image RGB before using Perfect Resize. If you have Perfect Resize Professional Edition or the Perfect Photo Suite and you access Perfect Resize through Photoshop you may also use Grayscale, CMYK and LAB images.

	Perfect Resize 7 Standard Edition	Perfect Resize 7 Professional Edition	Saving STING Files
RGB 8-bit	Yes	Yes	Yes
RGB 16-bit	Yes	Yes	Yes
Grayscale 8-bit	Yes	Yes	Yes
Grayscale 16-bit	Yes	Yes	Yes
Lab 8-bit	Yes	Yes	No
Lab 16-bit	Yes	Yes	No

CMYK 8-bit	No	Yes	Yes
CMYK 16-bit	No	Yes	Yes
Photoshop Layers	Yes	Yes	No
Layer Masks	Yes	Yes	No
Text Layers	Yes	Yes	No
Adjustment Layers	Yes	Yes	No
Alpha Channels	Yes	Yes	No
Paths	Yes	Yes	No
Smart Objects	No	No	No

When accessed through Lightroom or Aperture, your images will automatically be copied and converted by the host application into Photoshop (PSD) files.

When accessed as a standalone application or through the Perfect Photo Suite, Perfect Resize supports reading of the following formats.

- Photoshop (PSD or PSB)
- Tiff (TIF)
- Jpeg (JPG)
- Raw files from most digital cameras

Perfect Resize saves its files as layered Photoshop files. You can export these to Tiff and Jpeg as well.

See also

[Understanding Resolution](#)
[How Big Can You Print](#)
[When Should I Use Perfect Resize](#)
[Opening Perfect Resize](#)
[Understanding the Interface](#)

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Opening Perfect Resize

Opening Perfect Resize Standalone Application

1. Open the Perfect Resize Application. On Mac OSX it will live in your Applications Folder, on Windows it will live in your Start menu.
2. When the application opens, it will prompt you for which file you would like to work on.
3. Make your desired adjustments, and then press Apply.
4. You will be prompted to save your file.



Opening Perfect Resize inside the Perfect Photo Suite

1. Start by opening the Perfect Photo Suite application. On Mac OSX it will live in your Applications Folder, on Windows it will live in your Start menu. You can also access the Perfect Photo Suite inside of Lightroom or Aperture as detailed above.
2. The Perfect Photo Suite starts in the Layers module. Think of this as the home base where you open and save your files.
3. Open the image(s) you wish to work on. You can do this from the File > Open menu or by using the Browser.
4. Select Perfect Resize from the module selector in the upper right corner
5. Make your adjustments in Perfect Resize, then press the Apply button
6. Your image will return to the Layers module, save your work using the Save command in the File menu.



Opening Perfect Resize in Photoshop

1. When you use Perfect Resize inside of Photoshop you need to open an image first.
2. When you have the image you would like to work on be sure to select the layer that you would like to start with.
3. Then go to the onOne Panel and select Perfect Resize.



- If you don't see the onOne panel, you can open it from the Window > Extensions menu.
- You can also access Perfect Resize from the File > Automate menu.



Opening Perfect Resize in Photoshop Lightroom

1. When you use Perfect Resize inside of Photoshop Lightroom you need to select an image or group of images to start.
2. Then select Perfect Resize for the File > Plug-In extras menu.
3. Then select the open button.



If you are using Perfect Resize as part of the Perfect Photo Suite, select Perfect Photo Suite instead, and then select Perfect Resize from the module selector. Don't select multiple images unless you wish to merge them into a single layered file.



You can also access Perfect Resize from the Lightroom Export dialog for batch processing.

Opening Perfect Resize in Aperture

1. When you use Perfect Resize inside of Aperture you need to select an image first.
2. Then select Perfect Resize from the Images > Edit with menu.
3. Then select the open button.



If you are using Perfect Resize as part of the Perfect Photo Suite, select Perfect Photo Suite instead, and then select Perfect Resize from the module selector. Don't select multiple images unless you wish to merge them into a single layered file.



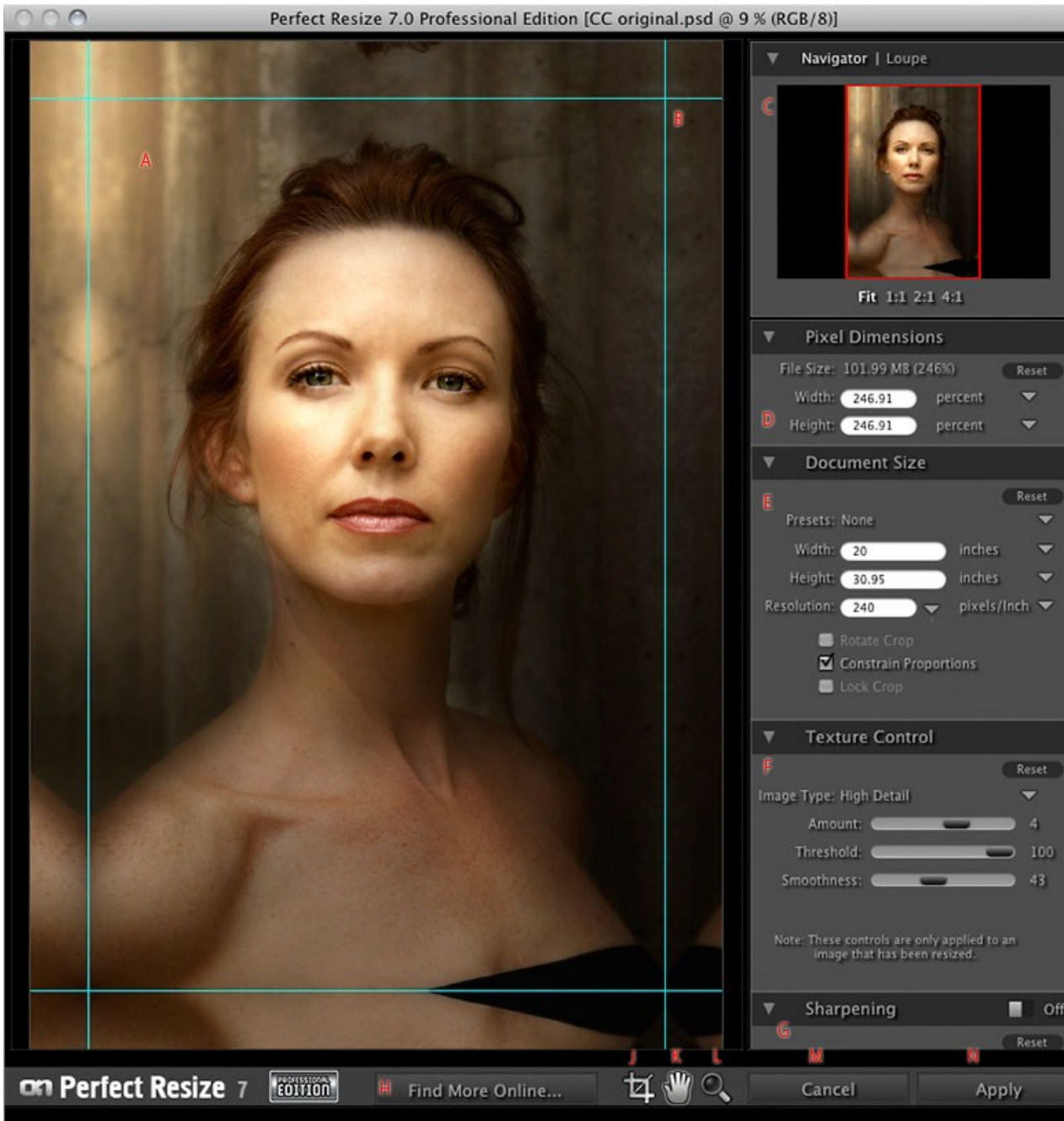
You can also access Perfect Resize from the contextual menu by right-clicking (control-clicking) on an image and selecting Edit with > Perfect Resize.

See also

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Understanding the Interface



- A - Preview Window: Displays your image.
- B - Gallery Wrap or Tiling Guides: Cyan guidelines to indicate the edges of tiles or gallery wraps.
- C - Navigator and Loupe Pane: Displays a birds-eye view of your image. You can use the navigator to adjust the zoom and pan of the the preview window.
- D - Pixel Dimensions Pane: Displays the pixel dimensions, MB size and scaling percentage. You can adjust the pixel dimensions here as well.
- E - Document Size Pane: Displays the document print size and resolution. You can adjust the print size and resolution as well.
- F - Texture Control Pane: Contains the texture controls, allows you to adjust the way the algorithm reproduces the texture areas of the image.
- G - Sharpening Control Pane: - Contains the sharpening controls, allows you to add sharpening before printing.
 not shown under the sharpening pane - Film Grain, Tiling, Gallery Wrap and Presets
 Film Grain Pane: Contains the film grain control for adding simulated film grain which can increase the perceived sharpness of the image.
 Tiling Pane: Contains the controls the divide the enlarged image into tiled files for mosaic printing
 Gallery Wrap Pane: Contains the gallery wrap controls for adding margins to your image when printing on canvas.
 Presets Pane: Contains the controls for displaying, applying, saving and deleting presets
- H - Find More Online button: Takes you to the onOne Software website where you can learn more about Perfect Resize
- J - Crop Tool: Use this tool to manually crop your image or adjust the size and position of a document size preset.
- K - Pan Tool: Use this tool to reposition your image inside the preview window.
- L - Zoom Tool: Use this tool to zoom-in or zoom-out in the preview window.
- M - Cancel Button: Press the cancel button to cancel Perfect Resize and return to the host application with the image unaltered.
- N - Apply Button: Press the apply button to apply your current settings and return the altered image to the host application.

See also

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Using the Preview Window



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Navigating the Preview

Perfect Resize provides a number of easy ways to navigate and view your image in the Preview window.

Hand Tool



The Hand tool is used to drag the image within the Preview window, whenever the image size is larger than the viewable area.

To pan (scroll) in the Preview screen:

- Select the Hand tool and drag the image until you locate the area you wish to view.
- With any other tool selected press Spacebar while you drag the image in the window.



Tip: Hold down the spacebar temporarily to activate the Hand tool no matter what tool is currently selected

Tip: Double-click the Hand tool in the Toolbar to set the image to a magnification that fits completely in the current window size.

Zoom Tool



The Zoom tool changes the magnification of the image in the Preview screen from 5% to 100%.

With the Zoom tool selected:

- Click in the Preview window to zoom in and center the image at the location clicked.
- Click and drag in the Preview screen to draw a rectangular marquee—the screen fills with the area within the marquee when you release the mouse.
- Double-click in the Preview screen to set the Preview screen to 100% magnification.
- Hold the Option key (Mac) or Alt key (Win) and click to zoom out (cursor changes to a minus sign).



Tip: Double-click the Zoom tool in the Toolbar to set the image to 1:1 or 100% magnification, showing every pixel. This is best when adjusting textures and for examining small details.

Navigator and Loupe Pane

The Navigator pane gives you a complete birds-eye view of your image. The red region of interest indicator marks the area of your image that is visible in the preview pane. You can pan your image by clicking and dragging inside the red region of interest indicator. At the top of the Navigator pane are several Zoom presets. To activate a Zoom preset simply click on it.

When you toggle to Loupe mode you see a magnified section of the preview under the cursor. This allows you to judge the quality of your results while maintaining a complete view of your image.



See also

[Crop Tool](#)

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Crop Tool

The Crop Tool can be selected by clicking on the Crop Tool icon in the toolbar. When it is selected the cursor will change and the icon in the toolbar will have a white glow.

- With the Crop Tool you can manually crop your image by clicking and dragging a box.
- The corner handles resize the the crop box. You can see the crop size in the document size pane. Clicking and dragging in the middle will move the crop box.
- After defining the crop box you can change the Pixel Dimensions and Document Size fields to resize your image. Note that the proportions of the crop box are locked and that you can only change the proportions by dragging on one of the corner handles using the crop tool and not by changing the values in either the Pixel Dimensions or Document Size panes.
- You can also use the crop tool to resize a document size preset crop box.
- If you make a mistake and don't want to crop the image, just click outside the crop box with the crop tool.



Tip: Its usually better to use a document size preset than to crop manually. That way you can guarantee the document size you want.

See also

[Navigating the Preview](#)

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Adjusting the Image Size

In Perfect Resize you can adjust your image size using either the Pixel Dimensions or Document Size panes. The information in these panes are inter-related and locked together. Adjusting the values in either pane will result in changes in the other pane. To help explain this lets use the example below.

The original image is 10"x8" at a resolution of 200 pixels per inch. Notice that the pixel dimensions are 2000 x 1600 pixels.

- 2000 px = 10"x200 ppi
- 1600 px = 8"x200 ppi

By changing the width to 20" the height changes to 16" proportionally and automatically and the new pixel dimensions change to 4000 x 3200 pixels. Note the resolution does not change.

- 4000 px = 20"x200 ppi
- 3200 px = 16"x200 ppi

Note the the file size and percentage have changed as well.

Pixel Dimensions	
File Size:	9.16 MB (100%) Reset
Width:	2000 pixels ▼
Height:	1600 pixels ▼

Document Size	
Width:	10 inches ▼
Height:	8 inches ▼
Resolution:	200 pixels/Inch ▼

Pixel Dimensions	
File Size:	36.62 MB (400%) Reset
Width:	4000 pixels ▼
Height:	3200 pixels ▼

Document Size	
Width:	20 inches ▼
Height:	16 inches ▼
Resolution:	200 pixels/Inch ▼

Follow these steps to adjust the size of your image to what is desired for your output file.

1. Launch Perfect Resize 7.
2. Adjust width in the Document Size pane to your desired width. Note that the height will adjust automatically and proportionally.
3. If needed, adjust the Resolution in the Document Size pane to what your printer or other output device needs. See this chart if you don't know for more information.
4. Press Apply.

If your image is not going to be printed, but will be principally displayed on a computer or television you may not be concerned with the document size but only the pixel dimensions. In these cases use these steps.

1. Launch Perfect Resize 7.
2. Adjust the width in the Pixel Dimension pane to your desired width. Note that the height will adjust automatically and proportionally.
3. If needed, adjust the resolution to 72 or 96 ppi.
4. Press Apply.

Tip: Using Document Size Presets is the fastest way to get common sizes. They let you crop and resize your image at the same time.



Keep the proportions in mind because the proportions of films, digital camera sensors and papers can all be different. For example most digital cameras sensors are proportioned so that the height is two thirds the width or 1:1.5; While the most common paper size, in the US, is letter which is 8.5x11 inches or a about 1:1.25. These kinds of proportion mis-matches are common and require that the original image be cropped to fit the proportions of the paper size. If your image cannot be cropped without ruining the composition then you will need to adjust your print size to longer dimension.



Tip: The constrain proportions option locks the original image proportions so that when you change a value, like width, in the Pixel Dimensions or Document Size Preset panes the height will adjust automatically. This function is on by default and is always recommended to use. By turning Constrain Proportions off you can inadvertently stretch and distort your image.

See also

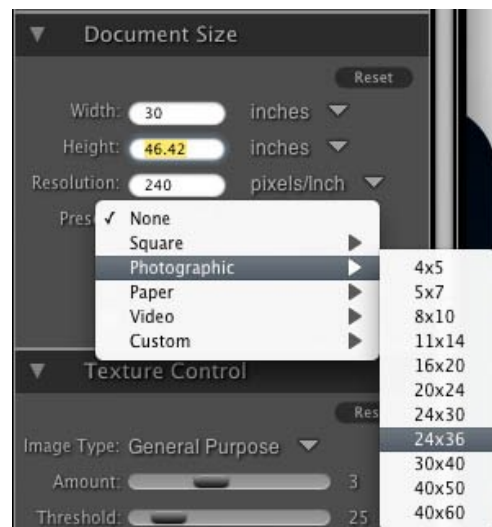
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Using Document Size Presets

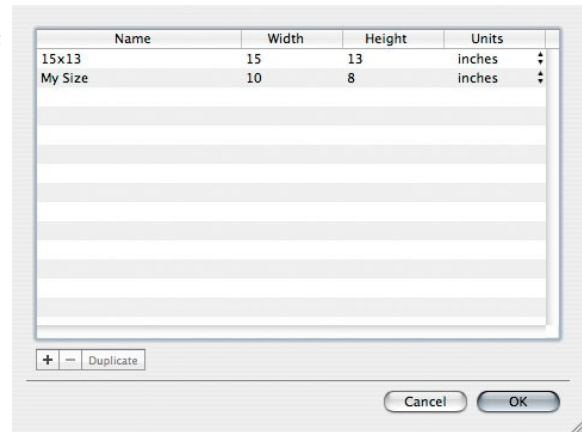
Document size presets allows you to crop and resize your image at the same time. Often when you are using Perfect Resize it is to create a file for print output at a known common size. In these cases using a Document Size Preset can be the fastest way to set your needed Document Size and crop your image to the needed proportions. Follow these instructions to use a Document Size Preset:

1. Select your image and launch Perfect Resize.
2. Select your desired size from the Document Size preset pull-down in the Document Size pane. You will see that the Document Size fields will be completed automatically for you and that a crop box is drawn on your image matching the proportions of the Document Size Preset that you selected.
3. If needed, select the rotate crop box to rotate your crop box to the proper orientation. It will automatically rotate to match the orientation of your image, but if you want to crop differently you may need to rotate it.
4. Now you can use the crop tool to reposition and change the size of the crop box so that it contains just the image area that you want. Note that the crop box proportions and Document Size are locked so that you will always the finished document size that you requested.
5. Adjust your resolution to what is needed for your output device.



Perfect Resize 6 comes with many commonly used print, paper and video Document Size Presets but also allows users to create their own. To create your own Document Size Preset follow these instructions:

1. Select your image and launch Perfect Resize
2. From the Document Size Preset pull-down, select custom > Manage Custom Sizes...
3. Click on the plus icon (+)
4. Double-click on the highlighted untitled name and name your preset.
5. Double-click on the width and height and fill in the proper values.
6. Double-click on the units and select the proper document size units.
7. Click on the Okay button.



Tip: If you select the incorrect Document Size Preset you can change it simply by selecting a different one. If you do not wish to use a Document Size Preset after you have selected one you can select "None" from the top of the Document Size Preset pull-down or just click once outside of the crop region with the crop tool to clear a crop at any time.



Tip: The lock crop option locks the proportions and document size settings for the given crop. This is enabled by default when you use a Document Size Preset.

See also

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Texture Control

If you where to analyze an image from a detail perspective you could break it into three categories: Edges, Continuous Tone and Textures. Edges are obvious, these are the sharp details that define the edges of the subject in your image. Its paramount that these are maintained in order for your enlargement to maintain quality. The continuous tone areas are things like skin or sky that are mostly solid or graduated color. These resize easily as there is little detail in these areas. The last area, what we call texture is areas that fall between these two. They are areas that still contain detail but are not sharp edges. These are things like the surface of rocks, tree bark, fabric, animal fur, etc. The amount of detail in these texture areas can have a large impact on the perceived sharpness and quality of an image. In Perfect Resize you have the ability to control the key algorithm variables that effect these areas. In Perfect Resize 7 there are even presets for different image types and subject matters that help you get the best results in reproducing these texture areas.

The Perfect Resize algorithms have been improved to provide higher quality scaling results. There are two new algorithm variables that may be adjusted by the user. They are located in the Texture Control pane and are labeled Amount and Threshold. The default positions are 3 and 25 respectively. Using these settings will provide results equivalent to Perfect Resize 4.1. Adjusting these variables on an image by image basis can provide improved detail in non-edge regions that contain detail such as textures (grass, fabric, bark, other natural and man-made patterns).

Below is a description of each control and recommendations of how to use them.

Image Type: This pop-up contains presets that adjust the Amount and Threshold automatically. This a the best place to start when adjusting the texture.



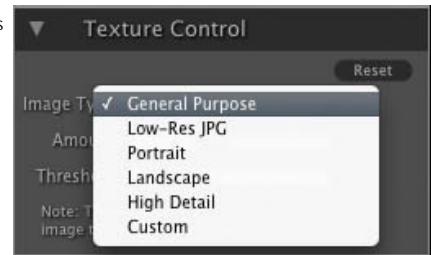
Amount: This controls the amount of detail in flat, non-edge areas of an image. If your image contains lots of minute detail that does not have defined edges (many organic patterns like leaves, rock, bark; or man made patterns like fabric) it may be good to increase the amount to a setting of 4 or 5. Settings beyond 5 will often introduce a bumpy noise pattern which is undesirable unless your original image was from scanned film. Settings lower than the default 3 are useful for images with large areas of continuous tone that have no appreciable detail (sand, snow, sky) but have hard edged foreground subjects such as landscape images, architecture or portraiture.

Threshold: This controls the amount of hard edge detail that is enhanced. The default setting is 25. Decreasing the threshold will focus the algorithms only on edge information. This may be useful for portraiture or for reducing noise in your image. Settings higher than 25 will increase the amount of small detail in flatter areas of the image. Settings as high as 100 are useful for highly detailed images such as hair or feathers. Higher threshold settings will also make Perfect Resize process faster. A good way to start adjusting these controls is by setting the threshold to 100 and then move the amount up until the image is too noisy (bumpy) and then reduce the threshold to smooth out the noise in continuous tone areas. For detailed images with no little continuous tone you might try the Amount at 4 and the Threshold at 100. For portrait images or images with significant JPG artifacts you should try an Amount of 2-3 and Threshold of 25 or lower.

Smoothness: The smoothness slider is used to reduce artifacts along hard curved edges. Use the lowest setting needed.



Tip: Always make sure your zoom is set to 100% or 1:1 when adjusting the controls in the Texture Control Pane.



See also

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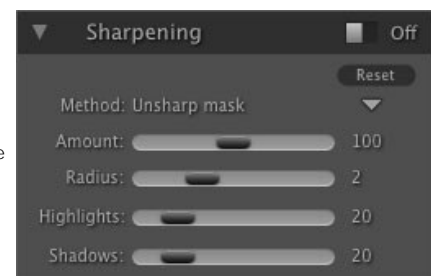
Sharpening

The sharpening pane contains the controls to add additional sharpness to your image. Perfect Resize features three different sharpening methods:

- **Unsharp Mask:** Good for general sharpening. Similar to Photoshop's unsharp mask function except it is only applied to the luminance of the image to prevent color artifacts.
- **Highpass:** Highpass sharpening is helpful when the original image is not sharp.
- **Progressive:** Similar to the unsharp mask except it sharpens different amounts depending on the size of the details in the image. small details are enhanced more than large ones.

Using the Sharpening controls can save you the workflow step of adding additional Sharpening before printing and can help compensate for loss of sharpness due to dot gain from your printer. Sharpening should only be applied at the end of your workflow just before printing. If you plan to do additional retouching or compositing work after resizing your image you should disable the Sharpening controls.

To sharpen your image for output use these steps after you have adjusted the Document



Size pane controls.

1. Zoom in on your image to 1:1. You can do this easily by using the 1:1 Zoom preset located in the Navigator pane.
2. Enable the Sharpening controls by toggling the on/off control in the Sharpening pane title bar.
3. Select the sharpening method that will provide the best results for your image. You may need to experiment to determine this.
4. Adjust the amount slider to determine the amount of sharpening desired.
5. Use the Highlight and Shadow sliders to limit the sharpening from being applied to the darkest and lightest areas of the image, which can prevent sharpening of noise.



Sharpening Off



Sharpening On



Tip: Keep in mind that this sharpening is applied to the entire image area. If you wish to use a selective sharpening technique you should disable the Sharpening controls in Perfect Resize.

See also

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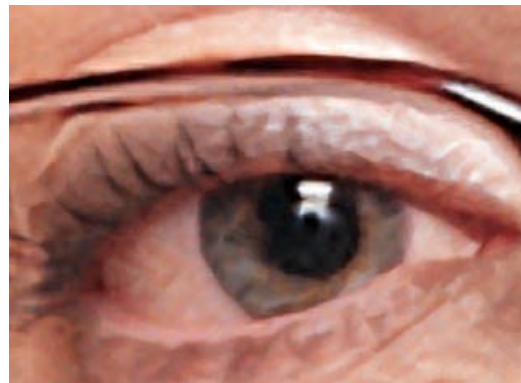
Film Grain

The Film Grain pane contains the amount control which adds simulated Film Grain (noise) to your image. Adding a modest amount of Film Grain can make your image appear sharper visually and can help hide imperfections like JPG artifacts. This is especially useful for monochrome images. Film Grain should only be added at the same time as Sharpening, just before printing. If you need to do other retouching or compositing work in Photoshop after resizing your image you should disable the Film Grain controls.

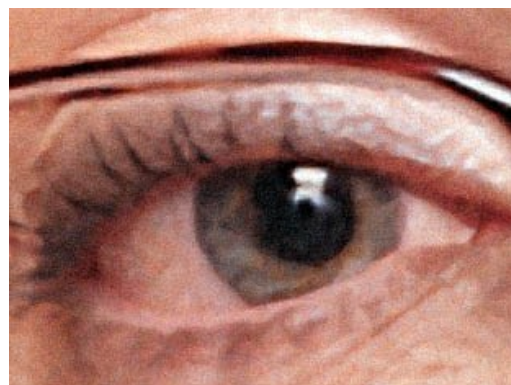
To add Film Grain to your image follow these steps:



1. Zoom in on your image to 1:1. You can do this easily by using the 1:1 Zoom preset located in the Navigator pane.
2. Enable the Film Grain controls by toggling the on/off control in the Film Grain pane title bar.
3. Adjust the slider up or down until the desired amount of Film Grain is added.
4. You can preview just the effect of the Film Grain by toggling the Film Grain on/off control.



Film Grain Off



Film Grain On

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Tiling

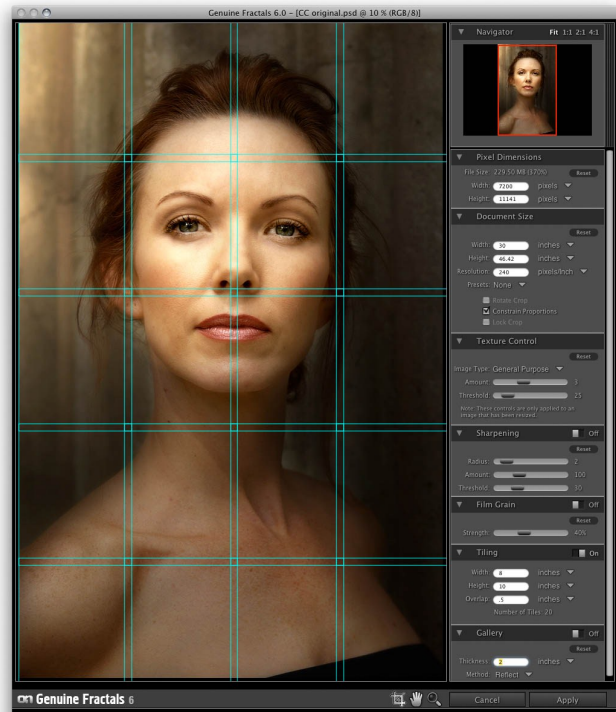
The new tiling feature in Perfect Resize 7 will divide an enlargement into smaller pieces that can be printed on a smaller printer.

Lets say you want to create a mural that is 8 feet tall by 12 feet long but your printer can only print 24 inch wide strips. With the tiling feature you could automatically create 4 separate files that are 24" wide and 8 feet tall so you can create your mural in sections. With the tiling feature all you need to do is specify the size of paper you have to print on and if you would like the pages to overlap at all. Then Perfect Resize 7 will resize your image and then break it down into the individual tiles.

To use the Tiling feature, follow these instructions:

1. Turn tiling on by toggling the on/off switch in the pane header
2. Set the Width and Height fields to the size and orientation of paper that you wish to print on, or you can select the number of rows and columns instead.
3. Set the Overlap size. The overlap makes each tile overlap so you can tape multiple panels together are correct for printer margins if you are not printing borderless.
4. Set the file type for the newly created files for each tile.
5. Set the destination folder for the new files. Each file will be named with the original filename the the tile indicated in the filename.

The preview will show cyan guide lines for each tile that will be created. At the bottom of the Tiling pane it will also tell you how many tiles will be created.



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Gallery Wrap

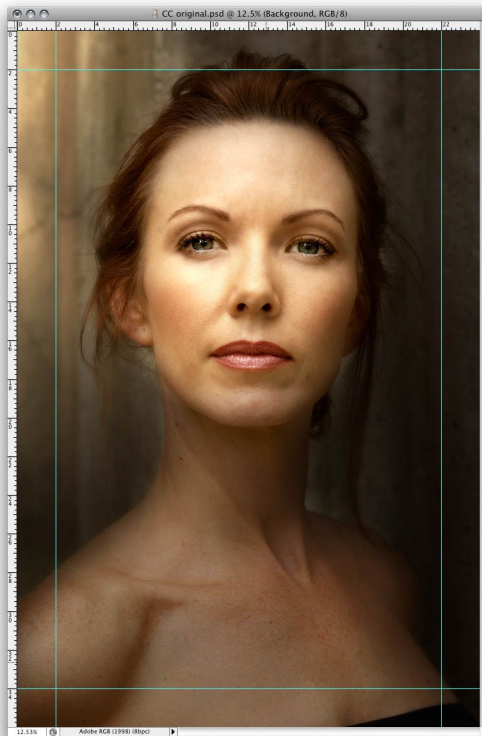
The new Gallery Wrap feature is designed to help you print on canvas. When making enlargements for canvas it is common to wrap a portion of the image around the wooded stretcher bars, which can be several inches thick, that are used for mounting the canvas. These are commonly called gallery wraps. However if the photographer had important detail near the edges of the image they may be lost in the wrapping process. The new Gallery Wrap feature in Perfect Resize 7 Professional Edition automatically creates extended margins by reflecting or stretching the areas near the edge of the image allowing the photographer to create a gallery wrap without having to sacrifice any of the original image. The Gallery Wrap feature allows you to select the thickness of the canvas mounting bars and offers a variety of techniques for creating additional margins.

To use the Gallery Wrap feature follow these instructions:

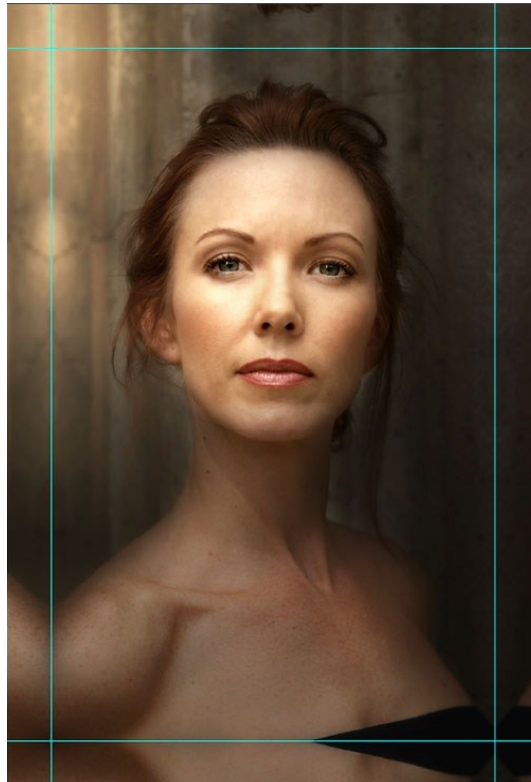
1. Turn on the Gallery Wrap feature by toggling the on/off switch in the pane header
2. Set the Thickness control to the amount of margins you would like to add. A good rule of thumb is the thickness of the stretcher bars, plus half an inch.
3. Select the Method that you would like to use.
4. If you wish to add a color overlay to the gallery wrap wings set the color and opacity.

The Gallery Wrap feature has several methods for adding margins:

- **Reflect:** Copies an area equal to the thickness setting around your image, then flips each side and adds it as the margins. This is a good general purpose technique.
- **Reflect Soft:** Does the same as the Reflect method but softens the added margins.
- **Stretch:** The Stretch method takes a small area around the edge of the image and stretches it to add the margins.
- **Stretch Soft:** Does the same as stretch, but softens the added margins.



Without the Gallery Wrap feature, important parts of the image get lost when wrapped.



With Gallery Wrap enabled, you can maintain the original image area but still have the extended margins needed to wrap canvas on thick stretcher bars.



Note: It is not recommended that you use the borderless printing option on a printer or use borderless lab prints when the overlap is set to zero. Both borderless methods increase the image size 1-3 percent to allow for overprinting and/or trimming. The resulting prints may not align properly.

See also

[Using the Preview Window](#)
[Adjusting the Image Size](#)
[Using Document Size Presets](#)
[Texture Control](#)
[Sharpening](#)
[Film Grain](#)
[Tiling](#)
[Presets](#)
[Preferences](#)
[Using STING Files](#)
[Photoshop Lightroom Use](#)
[Aperture Use](#)
[Batch Processing](#)

Home > Using Perfect Resize > Presets

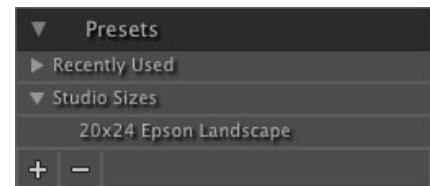
Presets

The Presets pane allows you to create and apply presets that automatically adjust all of Perfect Resizes controls. Presets store the document size, resolution and all of the settings in the Texture, Sharpening, Film Grain, Gallery Wrap and Tiling panes. Presets can speed up your workflow for preparing files for common printing sizes and jobs.

To use a preset, simply double-click on it. Then adjust the crop box to determine the best crop for your image.

To save a preset follow these steps:

1. Set all of Perfect Resize's controls as you desire
2. Then click on the plus icon (+) in the bottom of the presets pane.
3. Complete the information in the Preset Dialog



To delete a preset, simply select it and press the minus icon (-).

To import a preset saved on another computer, use the Import Preset command located in the file menu.

See also

[Using the Preview Window](#)
[Adjusting the Image Size](#)
[Using Document Size Presets](#)
[Texture Control](#)
[Sharpening](#)
[Film Grain](#)
[Tiling](#)
[Gallery Wrap](#)
[Preferences](#)
[Using STING Files](#)
[Photoshop Lightroom Use](#)
[Aperture Use](#)
[Batch Processing](#)

Home > Using Perfect Resize > Preferences

Preferences

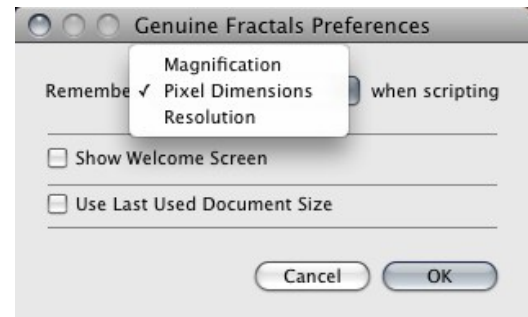
The preferences dialog contains several settings that are remembered from session to

session. They control the way certain features work in Perfect Resize.

When recording an action, Perfect Resize will instruct Photoshop to remember either the pixel dimensions, document size or the resize scaling percentage. You can control which method is used by adjusting the Preferences in Perfect Resize. The default is Pixel Dimensions.

Show Welcome Dialog: When enabled, you will be greeted by the welcome dialog each time you start Perfect Resize.

Use Last Used Document Size: When enabled, Perfect Resize will remember the last used scaling settings and adjust the image size for the next image you open in it. This was the standard behavior in Perfect Resize 5.



See also

[Using the Preview Window](#)
[Adjusting the Image Size](#)
[Using Document Size Presets](#)
[Texture Control](#)
[Sharpening](#)
[Film Grain](#)
[Tiling](#)
[Gallery Wrap](#)
[Presets](#)
[Using STING Files](#)
[Photoshop Lightroom Use](#)
[Aperture Use](#)
[Batch Processing](#)

[Home](#) > [Using Perfect Resize](#) > [Using STING Files](#)

Using STiNG Files

What is a STiNG File?

STING (.STN) files are a special compressed file that Perfect Resize can create. STING files allow you to save a single resolution independent file that can be scaled to any size when it is opened. This can help reduce the amount of space that is required for storage and bandwidth needed for transmission. Because Perfect Resize 6 is fully integrated into Photoshop as an automation plug-in, you can now use Perfect Resize to scale any image supported in Photoshop without having to encode it to STN ("Sting") format. Simply use the Perfect Resize plug-in for cropping and scaling, then close the Perfect Resize window and save images – in whatever format you choose – as you normally would within the familiar Photoshop interface.

Saving a STING File

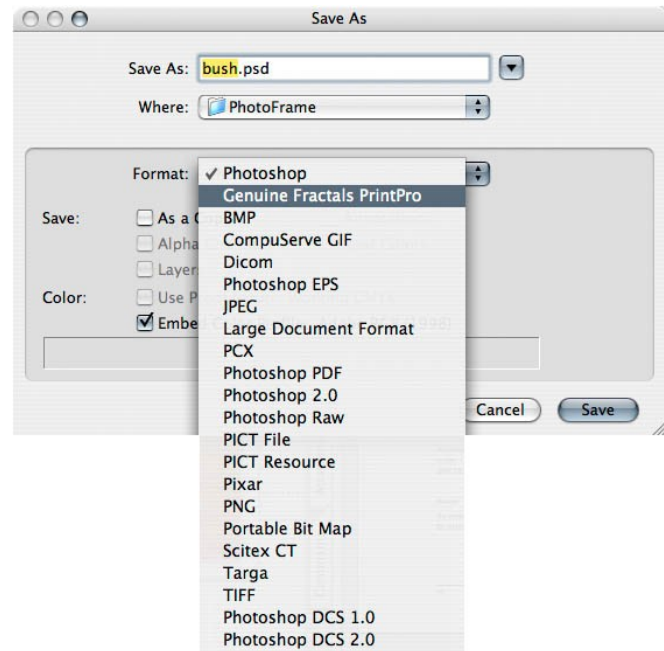
While it is no longer necessary to save images to STN format before you can scale them with Perfect Resize, some users may wish to do so. Any 8- or 16-bit RGB, CMYK image and any 8-bit grayscale image can be saved in STN format. The Perfect Resize' STN format is available on the list of formats in the Save As... dialog box in Photoshop, shown below. See your Adobe Photoshop documentation for more information on saving files.



Note: STING files do retain embedded icc color profiles but do not retain layers, clipping paths or alpha channels.

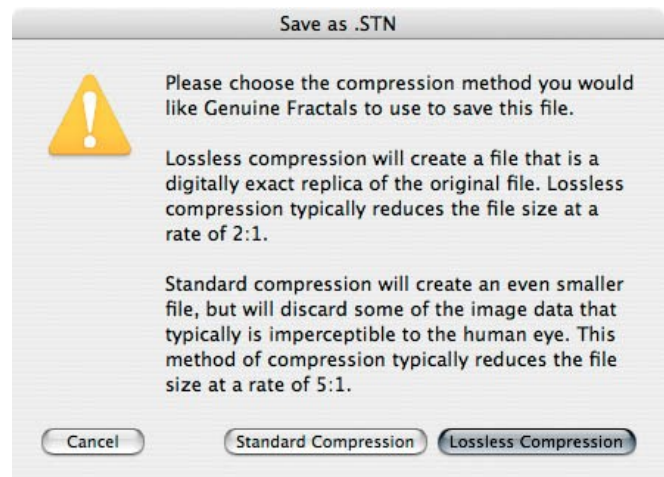
To save a file as a STING format follow these instructions:

1. In Photoshop go to File > Save As...
2. From the format pull-down select Perfect Resize



3. Select between Lossless and Standard compression in the dialog that appears.

Lossless compression creates a file that is approximately half the size of the original file that is identical pixel by pixel to the original file. Standard compression creates a file that is approximately 1/5th the size of the original file and is visually lossless.



Opening a STING File

To open a STING file use the open command from inside of Adobe Photoshop or

Photoshop Elements. When you open a STING file you will be presented with the Perfect Resize Express dialog. It will show the original size of the file when it was saved. If you simply want to open the file at its original size click on Apply. If you want to change the size of the file you can enter new values into the Pixel Dimensions or Document Size panes to resize the STING file on-the-fly as you open it.



See also

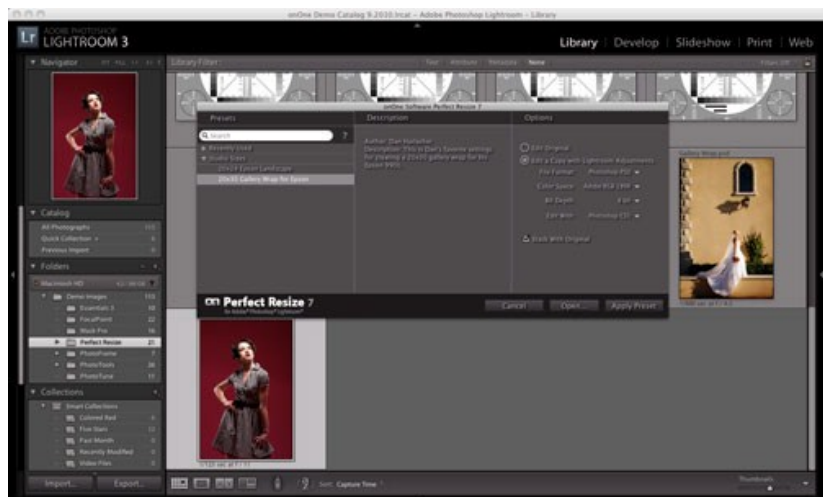
[Using the Preview Window](#)
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Home > Using Perfect Resize > Photoshop Lightroom Use

Photoshop Lightroom Use PROFESSIONAL EDITION

Perfect Resize can now be accessed inside of Adobe Photoshop Lightroom. This allows you resize a single image or group of images right inside the workflow application you use day in and day out.

Perfect Resize provides a round-trip workflow experience. Just a few seconds after pressing the Apply button you will see your results from Perfect Resize right inside of Lightroom.



See also

[Manual Use](#)
[Batch Use](#)

Home > Using Perfect Resize > Photoshop Lightroom Use > Manual Use

Manual Use

To Apply Perfect Resize with manual, custom interaction to an image or group of images in Photoshop Lightroom follow these instructions:

1. Open Photoshop Lightroom
2. Select an image(s)
3. Go to File > Plug-in Extras
4. Select Perfect Resize
5. The Perfect Resize for Lightroom dialog will appear, select the Open... button.

For Details on using the Perfect Resize for Lightroom dialog look below.



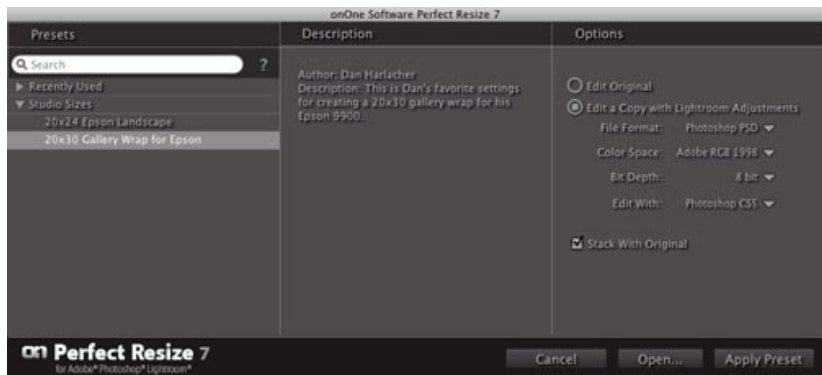
Tip: If you have multiple images selected and you press the Open...button you will be apply to manually set-up a document size for each image in sequence.

This the Perfect Resize for Lightroom dialog. It consists of these controls:

Presets: The presets section allows you to browse and search for presets. You can learn about a preset in the description section.

Options: This controls how your image is treated before it is sent to Perfect Resize. You can select from editing the original, a copy with Lightroom Adjustments applied or a just a copy. If you select either of the copy options you may also select the file format, color space and bit depth. If you have multiple versions of Photoshop installed you may also select which version of Photoshop to use Perfect Resize in. You may also select to use Perfect Resize on its own by selecting Standalone from the Edit with pop-up. The last option, Stack with original will place the edited version of your image in the Lightroom catalog with the original. You can close this section by clicking on the triangle next to the section title. These settings are remembered.

- **Cancel:** Cancels Perfect Resize for Lightroom
- **Open...:** Rather than applying a preset directly, this option will open your image in Perfect Resize so you can manually select the frame(s) and options.



Note: If you have camera raw files in your selection you will not be able to use the Edit Original option.

See also

[Batch Use](#)

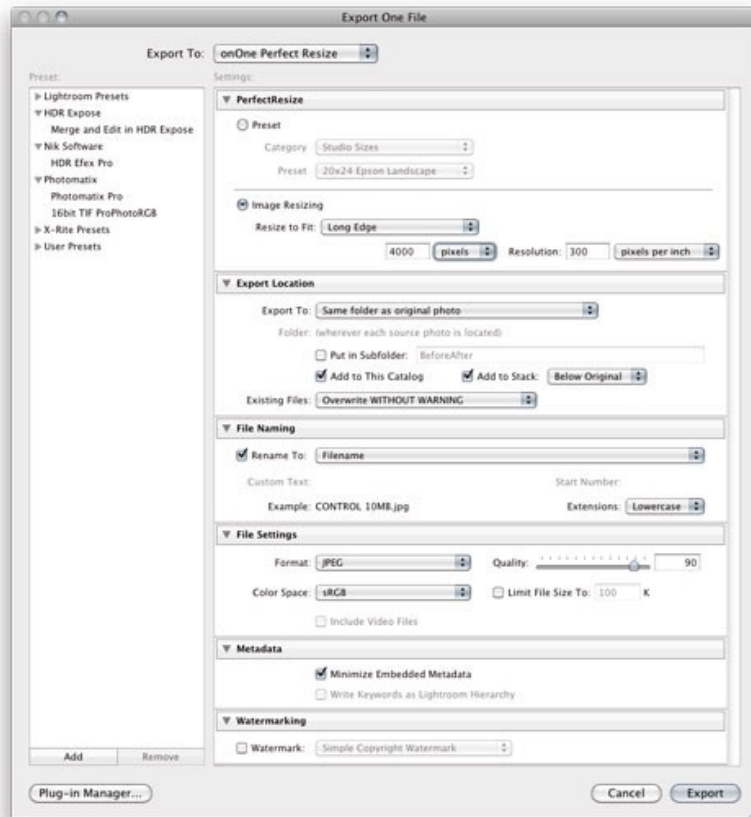
Home > Using Perfect Resize > Photoshop Lightroom Use > Batch Use

Batch Use

You can also batch process large groups of images using the Export dialog in Lightroom. To batch process images using the export dialog follow these instructions.

1. Select the images in Lightroom you wish to process
2. Open the Export dialog from the File menu
3. At the top, select onOne Perfect Resize from the Export to: pop-up.
4. In the settings section, select the options you prefer.
5. Press the Export button to start your batch.

Most of the options in the settings section (export location, file naming, file settings, etc.) are common to all Lightroom export modules. The first section, labeled Perfect Resize is unique. Here you can select from either using a preset or manually specifying the image resizing. In the Resize to Fit pop-up you can select to resize based on the desired image dimensions, the long edge, short edge or megapixel size.



See also

[Manual Use](#)

Home > Using Perfect Resize > Aperture Use

Aperture Use

PROFESSIONAL EDITION

Perfect Resize 7 can now be accessed inside of Apple Aperture. This allows you to scale an image right inside the workflow application you use day in and day out. Perfect Resize provides a round-trip workflow experience which keeps you right inside of Aperture and has no need to use Photoshop.



See also

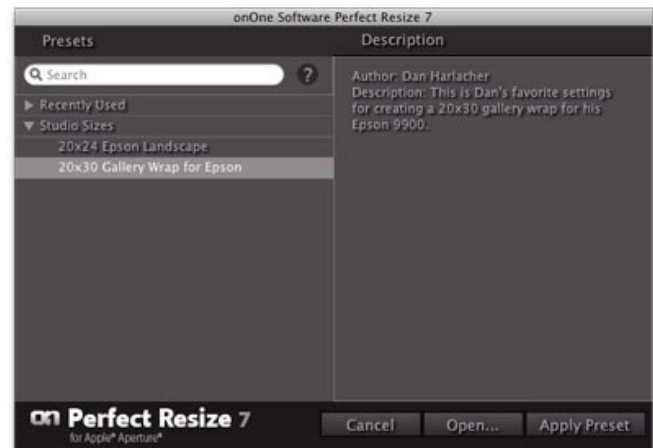
[Manual Use](#)

[Home](#) > [Using Perfect Resize](#) > [Aperture Use](#) > [Manual Use](#)

Manual Use

To Apply Perfect Resize in Apple Aperture follow these instructions:

1. Open Apple Aperture
2. Select an image
3. Right click (control-click) on the image
4. The contextual menu will appear, select Edit With
5. Select Perfect Resize
6. The Perfect Resize for Aperture dialog will appear. You can select a preset to apply it directly, or you can press the Open button to manually adjust the settings.
7. Press the Apply button in Perfect Resize to apply the results and return to Aperture.



[Home](#) > [Using Perfect Resize](#) > [Batch Processing](#)

Batch Processing

Perfect Resize is much more than just a resizing program, it also adds a powerful batch processor to your workflow. With the Perfect Resize batch engine you can batch resize a group of images at the same time and even create new child documents from them in different sizes and formats. This can be a huge time saver in your workflow. The following will explain the options within the batch engine and give you several ideas how you can use it in your studio.

Opening the Batch Engine

The Perfect Resize batch engine can be accessed from either the onOne menu directly or from inside of Perfect Resize from the File menu.

See also

[Using the Preview Window](#)
[Adjusting the Image Size](#)
[Using Document Size Presets](#)
[Texture Control](#)
[Sharpening](#)
[Film Grain](#)
[Tiling](#)
[Gallery Wrap](#)
[Presets](#)
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[Using STING Files](#)
[Photoshop Lightroom Use](#)
[Aperture Use](#)

[Home](#) > [Using Perfect Resize](#) > [Batch Processing](#) > [Preset](#)

Preset

The first tab in the batch dialog allows the user to select a preset. Presets are created inside of Perfect Resize and can be store document size, crop, quality options and gallery wrap options. Note; Tiling is ignored.



See also

[Source](#)
[Primary Tab](#)
[Secondary Tab](#)
[Options](#)
[Watermark Tab](#)
[Logging](#)

[Home](#) > [Using Perfect Resize](#) > [Batch Processing](#) > [Source](#)

Source

The source tab helps you define which files to process. It has the option of the files currently open in Photoshop or a folder of images. If you select the files currently open in Photoshop, Perfect Resize will apply the selected options to all images open in Photoshop and leave them open upon completion. Please note that when using this option that the primary and secondary tabs are disabled.

If you use the folder option you can define a folder on your computer, attached drive or network drive that contains the images you wish to process. Press the Choose... button to select the folder you wish to use. The path line confirms the location visually. There is a checkbox labeled include subfolders, which will look inside the source folder for subfolders and files that they may contain



See also

[Preset](#)
[Primary Tab](#)
[Secondary Tab](#)
[Options](#)
[Watermark Tab](#)
[Logging](#)

[Home](#) > [Using Perfect Resize](#) > [Batch Processing](#) > [Primary Tab](#)

Primary Tab

The Primary tab contains the destination, file naming, size and type options for the first set of files to be processed.

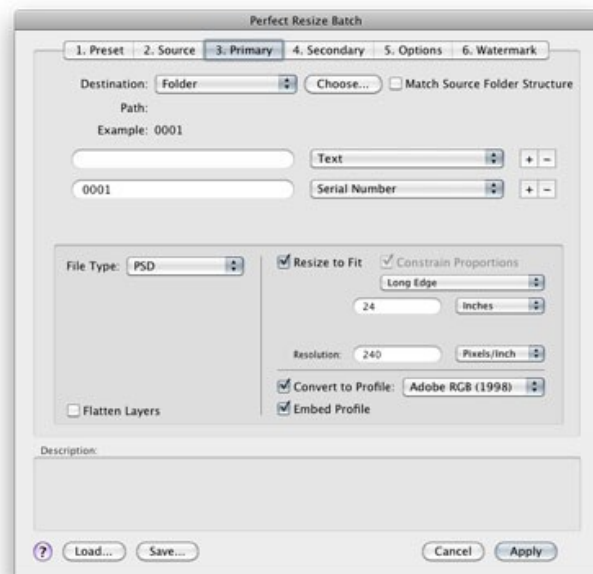
Destination:

In the destination section you define where to put the files that are batch processed. It is similar to the source tab and has two options. The first is save and close. When this option is selected each file that is processed will be saved with the same name and file type as the original. If your source files are camera raw files they will be saved as PSD files. If you use the folder option you can create new child documents from your original files. You can control the names and file types in the File Names and File Types tabs. Use the Choose... button to select the folder where you would like the new files to live.

Like the source tab there is also an option to create matching subfolders if the source folder has subfolders. For example if your source folder has subfolders named ceremony, formals and reception the Perfect Resize will create matching subfolders in the destination folder and place the new files in the matching folder structure as the originals.

File Naming:

The file naming section allows you to determine the name of new files created through batch processing. You are allowed to add up to three naming articles, or segments, consisting of the original file name, the date, serial number or custom text.



Article	What is It?
Current Name	The original filename without the extension. Perfect Resize will always add the proper extension to the end of the filename.

	Example: DSC007
Current Name and Extension	The original filename and extension. Perfect Resize will always add the proper extension to the end of the filename. Use this option if you would like to add the original extension to the file name as well as the current extension. Example: DSC007.jpg
Text	A line of text of your choice up to 32 characters long. This could be a job or client name or anything you like. Example: whateverIwant
Serial Number	A numerical serial number. It may be up to eight digits long and supports leading zeros. You can specify any number to start with. Each file will be numbered sequentially starting with your first number. Example: 0001
Date	Today's date in YYMMDD format. Example: 070926

Here are some examples of batch names you could create.

Articles	Example
Text+Serial Number	myfile_001.jpg
Original Name+Text+Serial Number	DSC007_Johnson_001.jpg
Text+Date+Serial Number	myfile_070926_001.jpg
Original Name with Extension+Text	DSC007.CR2_Converted.jpg

File Type:

The File Type tab allows you to determine the file type of the new files to be created as well as their size, resolution and color profile. You can also have Perfect Resize create an additional JPEG as well as the new files.

The first option is File Type. You can select from Same as Source, PSD (Photoshop native file), TIFF or JPEG. If you use the same as source option, Perfect Resize will save the new files in the same format as the original file. For camera raw files, this option will create PSD files instead. Selecting one of the other formats will create that type of file.

For each format selected there may be additional options to select. For example if you select JPEG you can determine the Quality (compression ratio) of the file. For TIFF and PSD files you have the option of flattening layers and for TIFF you can also enable LZW compression.

You can also select to resize the new files. Simply turn on the resize to fit option and enter the maximum width and height. These dimensions can be in pixels, inches, centimeters or percentage. The proportions of the image will always be maintained. The image will be resized to fit within the dimensions entered. You can also adjust the resolution of your files as well. If you enter no resolution, the current files resolution will be used.

You can also convert the new files to a destination color space. From the Convert to Profile pop-up select the ICC profile you wish to use. In most cases be sure to select embed profile option as well to embed the profile so that others that open the new files will be able to view them properly color managed.

See also

- [Preset](#)
- [Source](#)
- [Secondary Tab](#)
- [Options](#)
- [Watermark Tab](#)
- [Logging](#)

Home > Using Perfect Resize > Batch Processing > Secondary Tab

Secondary Tab

The Secondary Tab looks the same as the primary tab. It allows you to create a second file, using the same options as the first, or primary image. You can use a different destination, naming scheme, size and type options for the secondary file. See the [Primary Tab](#) for details on how to set these options.

See also

- [Preset](#)
- [Source](#)
- [Primary Tab](#)
- [Options](#)
- [Watermark Tab](#)
- [Logging](#)

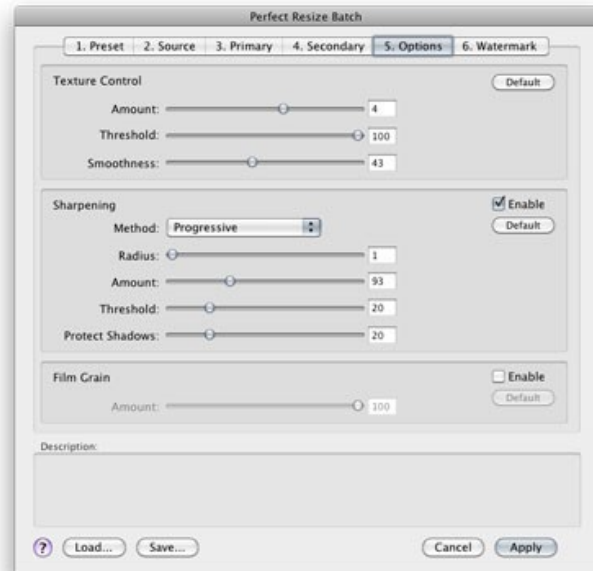
Home > Using Perfect Resize > Batch Processing > Options

Options

The Options tab allows you to control the Texture Control, Sharpening and

Film Grain options used when batch processing. You can learn about adjusting these options on the following pages.

- [Texture Control](#)
- [Sharpening](#)
- [Film Grain](#)



See also

[Preset](#)
[Source](#)
[Primary Tab](#)
[Secondary Tab](#)
[Watermark Tab](#)
[Logging](#)

[Home](#) > [Using Perfect Resize](#) > [Batch Processing](#) > [Watermark Tab](#)

Watermark Tab

The batch engine also allows you to add a visual watermark file to your batch processed files. This watermark is created from a source file of your choosing. You have the option to enable watermarking on either the primary, secondary or both images.

You can choose where on the image the watermark will appear by selecting the position from the position pop-up. To select the file to be used for the watermark, press the Choose... button.

It is important to properly prepare the file you wish to use for your watermark. Perfect Resize simply pastes the watermark file into your new file. It does not resize or alter the watermark. Below are some guidelines for creating your watermark file.

- Watermark files should be sized to fit the intended destination file. For example if you are creating 640x480 pixel output files your watermark file needs to be smaller than that.
- If you want your watermark to have a transparent background, prepare your watermark as such and save it as a PNG file to maintain the transparency.
- If you want your watermark to have a reduced opacity, prepare your watermark file as such and be sure to save it as a PNG file to maintain the opacity.





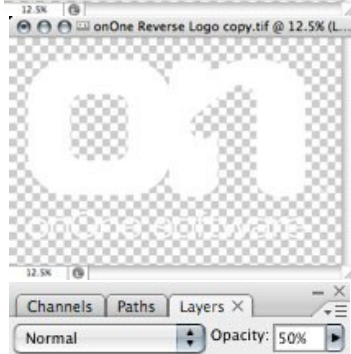
Open your logo file. In this case our logo is a single color black on a white background.



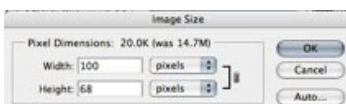
Use the magic wand tool in Photoshop and click on the white background. Assuming your logo is a crisp black on a clean white this should only select the white background.



Press the delete button to remove the white background leaving your logo on a transparent checkerboard.



If you would like your logo to be white, invert your image by going to Image- >Adjust-Invert. You should now have your logo in white.



To reduce the opacity, change the opacity slider in the layers palette to approximately 50%.

Resize your file to fit comfortably within your output files. In this case lets assume you are creating small JPEG files for your website which are a maximum of 600 pixels. We don't want our logo to cover the entire image, but the center area,so use the Image Size dialog to size the file to about 100 pixels.



Finally save your file as a .PNG file. To the left is an example of the final watermark on an image using this technique.

See also

[Preset](#)
[Source](#)
[Primary Tab](#)
[Secondary Tab](#)
[Options](#)
[Logging](#)

[Home](#) > [Using Perfect Resize](#) > [Batch Processing](#) > [Logging](#)

Logging

When the batch operation is completed you will see a dialog summarizing the results. In this dialog you have the option of displaying the batch log file by pressing the view log button. This will open the batch log for the last batch in your default web browser. The log file will display your selected options as well as the name, path and results for each file. If you received any error messages when running your batch you can see more information of which file(s) were effected by viewing the log. If you encounter errors and can not determine their cause visit the Knowledge Base at the onOne website for troubleshooting tips.

See also

[Preset](#)
[Source](#)
[Primary Tab](#)
[Secondary Tab](#)
[Options](#)
[Watermark Tab](#)

Home > Menus

Menus

Pages in this Section


Photoshop (Mac OSX)


File


Edit


View


Window


Help

Home > Menus > Photoshop (Mac OSX)

Photoshop (Mac OSX)

About Perfect Resize 7...: Opens the Perfect Resize about box. This dialog contains your serial number, version number and information on contacting onOne Software for support.

Check for Updates...: Contacts the onOne update server to check for updates.

Perfect Resize 7 Preferences...: Opens the Perfect Resize 7 [preferences](#) dialog.



Tip: On Windows, the preferences can be found in the Edit menu, the About Box can be found in the Help menu.

See also

- [File](#)
- [Edit](#)
- [View](#)
- [Window](#)
- [Help](#)

Home > Menus > File

File

Close: Cancels Perfect Resize and returns back to the host application with no changes.

Apply: Applies the current document size settings and options to your image and returns to the host application.

Batch...: Opens the Perfect Resize Batch engine dialog where you can apply a Perfect Resize preset to a group of images.

Import Preset...: Opens the import preset dialog.



See also

[Photoshop \(Mac OSX\)](#)

[Edit](#)

[View](#)

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[Help](#)

[Home](#) > [Menus](#) > [Edit](#)

Edit

Undo: Reverses the last user action

Redo: Reapplies the last user action if it has been undone.

Copy: Copies the current text into the clipboard.

Cut: Cuts the current text into the clipboard.

Paste: Pastes the content of the clipboard.

Reset All: Resets all the controls back to their default settings.

Preferences (Windows Only): Opens the Perfect Resize 7 preferences dialog.

Undo	⌘Z
Redo	⇧⌘Z
Cut	⌘X
Copy	⌘C
Paste	⌘V
Reset All	⇧⌘Z

See also

[Photoshop \(Mac OSX\)](#)

[File](#)

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[Home](#) > [Menus](#) > [View](#)

View

Zoom In: Zooms the preview window in one increment. This will make the preview image larger.

Zoom Out: Zooms the preview window out one increment. This will make the preview images smaller.

Fit on Preview: This sets the preview image so that the entire image is on screen at once. Think of this as an overview of the entire image. This is the setting you will use most of the time.

Actual Pixels: This sets the preview image so that it zooms to actual pixels or 1:1 also called 100%. This setting allows you to see every pixel in the image. This is useful when making adjustments to the Texture Controls, Sharpening or Film Grain.

Zoom-In	⌘+
Zoom-Out	⌘-
Fit to Screen	⌘0
Actual Pixels	⇧⌘0

See also

[Photoshop \(Mac OSX\)](#)

[File](#)

[Edit](#)

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[Help](#)

[Home](#) > [Menus](#) > [Window](#)

Window

Hide/Show [palette name]: Hides or shows the named palette.

Welcome Dialog: Opens the Welcome Dialog which shows basic step-by-step instructions for using Perfect Resize. (there is no Welcome Dialog for the Aperture version.)

Navigator	⌘ 1
Pixel Dimensions	⌘ 2
Document Size	⌘ 3
Texture Control	⌘ 4
Sharpening	⌘ 5
Film Grain	⌘ 6
Tiling	⌘ 7
Gallery Wrap	⌘ 8
Presets	⌘ 9
Show Welcome...	

See also

- Photoshop (Mac OSX)
- File
- Edit
- View
- Help

Home > Menus > Help

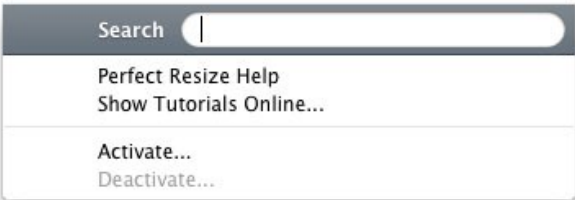
Help

Perfect Resize Help...: Opens this html help in your default web browser.

Check for Updates...: Checks with the onOne update server to see if you are running the current version. If there is a newer version you will be notified and be walked through the update process.

Activate/Deactivate: Opens the activation dialog. These are used to deactivate your software for moving it to another computer or for a return.

About Perfect Resize (Windows Only): Opens the about box with the version number and license code displayed.



See also

- Photoshop (Mac OSX)
- File
- Edit
- View
- Window

Index