**[Adobe Photoshop CS3](http://www.uwec.edu/help/photoshopcs3/pshopCS3.htm)**

**Retouching Images**

There are several options available when retouching your images. Three tools that aide in retouching are the [Spot Healing Brush Tool](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#spot), [Healing Brush Tool](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#healing), and the [Patch Tool](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#patch).

* [The Healing Tools](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#tools)
* [Healing Brush Options](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#options)
* [Using the Spot Healing Brush Tool](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#spot)
* [Using the Healing Brush Tool](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#healing)
* [Using the Patch Tool](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#patch)

**[[return to top](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#top)](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm" \l "top)The Healing Tools**

The *Healing* tools allow you to fix flaws such as scratches, blemishes, or inconsistencies in your images*.* Located in the *Toolbox*, the *Healing Brush Tool* contains three additional hidden tools: the *Spot Healing Brush* *Tool*, the *Patch* *Tool*, and the *Red Eye Tool*.

**Healing Brush Tool**Healing Brush tool  
Allows you to conceal an undesirable portion of an image, such as a scratch, by covering the area with a sample you select from another part of the image.

**Spot Healing Brush Tool**Spot Healing Brush tool  
Allows you to conceal an undesirable portion of an image by covering the area with a sample that Photoshop automatically selects from the surrounding area.

**Patch Tool**Patch tool  
Allows you to select an irregularly shaped portion of an image to conceal before selecting the sample that will cover it.

**Red Eye Tool**Red Eye tool  
Darkens a specific point to [hide red eye](http://www.uwec.edu/help/photoshopcs3/remove-redeye.htm) in an image.

[**[return to top](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#top)**](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#top)**Healing Brush Options**

Each of the *Healing Brush* tools offer several options that adjust the effects upon your image.

**Hardness**   
Refers to how dramatic the retouch is going to be. The greater the percentage, the more defined the retouch will appear. The smaller the percentage, the less obvious the edges of the retouch will appear.

**Spacing**  
Refers to how much space is between each instance of the brush tip in a brush stroke. A low percentage makes the brush strokes tighter, and a high percentage makes them farther apart.

**Angle**  
Controls the alignment of the brush tip.

**Roundness**  
Controls the height of the brush while the width remains the same. This controls whether the brush appears more circular or more elliptical. The lower the percentage, the shorter and more elliptical the brush will appear.

**Size: Off**  
Keeps the diameter of the brush consistent.

**Size: Pen Pressure**  
Varies the diameter of the brush based on the force applied with the pen. This option is only relevant if you are using a pressure-sensitive pad and stylus.

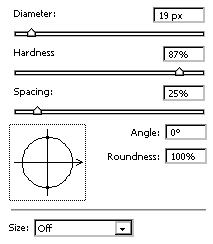
**Size: Stylus Wheel**  
Varies the diameter of the brush based on your manipulation of the stylus wheel. This option is only relevant if you are using a pressure-sensitive pad and stylus.

**Mode***Replace* leaves the edges of the retouched area naturally jagged in contrast to the smooth edges left by the *Healing Brush* tools. For information about additional modes, see [Blend Modes: An Introduction](http://www.uwec.edu/help/photoshopcs3/blendmodes.htm).

**Proximity Match**Covers the area with pixels copied from the neighboring area.   
  
**Create Texture**  
Covers the area with a new texture created by sampling and recombining pixels from the neighboring area.

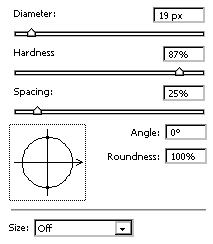
**[[return to top](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#top)](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm" \l "top)Using the Spot Healing Brush Tool**

The *Spot Healing Brush* *Tool* works best on small flaws that require only a few clicks to retouch. With the *Spot Healing Brush* *Tool*, you do not need to select a sample first; it will automatically heal the inconsistency using the surrounding pixels to blend the retouched area. The *Spot Healing Brush* *Tool* samples the new pixels for the area randomly, so if you do not like your first result, you can undo it and try again until you achieve the results you like.

1. From the *Toolbox*, click the **SPOT HEALING BRUSH TOOL**Spot healing tool  
   The *Options* bar changes to the *Spot Healing Brush Tool Options* bar.  
   Spot healing options bar
2. To adjust the brush, on the *Spot Healing Brush Tool Options* bar, click **BRUSH**brush pull-down buttonThe *Brush* *Options* palette appears.  
   NOTE: For more information about the options available, please refer to [Healing Brush Options](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#options).   
   
3. To adjust the *Diameter*, *Hardness,* or *Spacing* slide the arrow until you reach the desired value   
   **OR**  
   In thetext boxes, type the desired size or percentage
4. In the *Angle* text box, type the desired angle
5. In the *Roundness* text box*,* type the desired percentage of roundness.
6. From the *Size* pull-down list, choose one of the three options: ***Off, Pen Pressure,*** or ***Stylus Wheel***
7. To adjust how the healing action will affect the image, select a [mode](http://www.uwec.edu/help/photoshopcs3/blendmodes.htm)
8. To adjust how the *Spot Healing Brush Tool* will interact with the pixels of the image, select ***Sampled*** or ***Pattern***
9. If you have more than one visible layer that you want to make adjustments to, select ***Sample All Layers***
10. On the image, click on the blemish you want to retouch

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The *Healing Brush* *Tool* requires that you first select an area of pixels that you want to copy and then decide where to paste them. This tool is useful for retouching larger areas that require more attention to detail and cannot be handled by the *Spot Healing Brush* *Tool*. After you [set your brush and sample options](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#spot), you are ready to select your sample area and begin touching up your image.

1. From the *Toolbox*, click the **HEALING BRUSH TOOL**healing brush tool   
   The *Options* bar changes into the *Healing Brush Tool Options* bar.   
   Healing brush tool options bar
2. To adjust the settings for the *Brush*,
   1. On the *Healing Brush Tool Options* bar, click **BRUSH:**brush pull-down buttonThe *Brush* *Options* palette appears.  
      NOTE: For more information about the options available, please refer to [Healing Brush Options](http://www.uwec.edu/help/photoshopcs3/healing-tools.htm#options).   
      
   2. To adjust the *Diameter*, *Hardness,* or *Spacing*, slide the arrow until you reach the desired value   
      **OR**  
      In thetext boxes, type the desired size or percentage
   3. In the *Angle* text box, type the desired angle
   4. In the *Roundness* text box*,* type the desired percentage of roundness.
   5. From the *Size* pull-down list, choose one of the three options: ***Off, Pen Pressure,*** or ***Stylus Wheel***
3. To adjust the [mode](http://www.uwec.edu/help/photoshopcs3/blendmodes.htm), in the *Healing Brush Tool Options* bar, from the *Mode* pull-down list, select a mode
4. To retouch areas with one hand-picked sample,
   1. In the *Source* section, select ***Sampled***
   2. To select the sample that will cover the areas to be retouched, press [**Alt**] + click the area to copy
   3. To cover a portion of the image with the copied portion, drag or click the mouse   
      HINT: Dragging the brush will begin to "repaint" the entire original image, beginning with the selected sample point.
5. To retouch the image with a pattern,
   1. In the *Source* section, select ***Pattern***
   2. From the drop-down *Pattern Picker*, select a pattern
   3. To cover a portion of the image with the pattern, drag or click the mouse
6. To retouch areas with a sample relative to the distance and direction from the source point,
   1. In the *Source* section, select ***Aligned***
   2. Select your sample area
   3. Click the area to retouch  
      HINT: Until you define a new sample area, each time you click the *Healing Brush* tool, the sample area will be drawn from the same relative distance and direction from the area to be retouched as it was in this first sample.
   4. Drag or click the brush  
      The sampled area will move with the brush, it will stay parallel with the brush even after you release the mouse.  
      HINT: Dragging the brush will begin to "repaint" the entire original image, beginning with the selected sample point

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The *Patch* tool is another *Healing Brush* tool, but it is different from the other healing tools in that you first select the area to retouch and then find the part of the image to replace it.

1. From the *Toolbox*, click the **PATCH TOOL**Patch tool   
   The mouse pointer turns into a patchpatch mouse pointer.  
   The *Options* bar changes into the *Patch Tool Options* bar.  
   Patch Tool Options bar
2. On the *Patch Tool Option* bar, click **NEW SELECTIONNew Selection button**
3. From the *Patch* section, select ***Source***  
   NOTE: If you want the edges of the selection to be more blended, you can [feather](http://www.uwec.edu/help/photoshopcs3/feathering.htm) the selection before you move it, but only if the *Patch Type* is ***Destination***. For more information, see [Feathering a Selection.](http://www.uwec.edu/help/photoshopcs3/feathering.htm)
4. To minimize the effects of the patch, select ***Transparent***
5. Select the area to retouch by clicking and dragging the mouse to encircle it  
   A ring of animated dashes appears around your selection.  
   HINT: To hide the marching ants, press [**Ctrl**] + [**H**].
6. Click and hold the mouse inside the selection  
   The patch pointer turns into a patch with an arrowPatch pointer inside selection
7. To select the area which will replace the section, drag the selection to the area that will replace it   
   NOTE: The selected area displays a "preview" of the sample as you drag over the image.
8. Release the mouse   
   This area blends into and replaces the selected area.
9. When finished, to deselect the area, press [**Ctrl**] + [**D**]