

Simple Image Manipulation Program for Learning

A Tutorial by
Larry Bordowitz

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with Adobe Photoshop



We'll assume that you have Adobe Photoshop CS4 or above on your computer and that you're familiar with opening and saving files. If your computer can handle Photoshop, it's capable of every step in this tutorial.

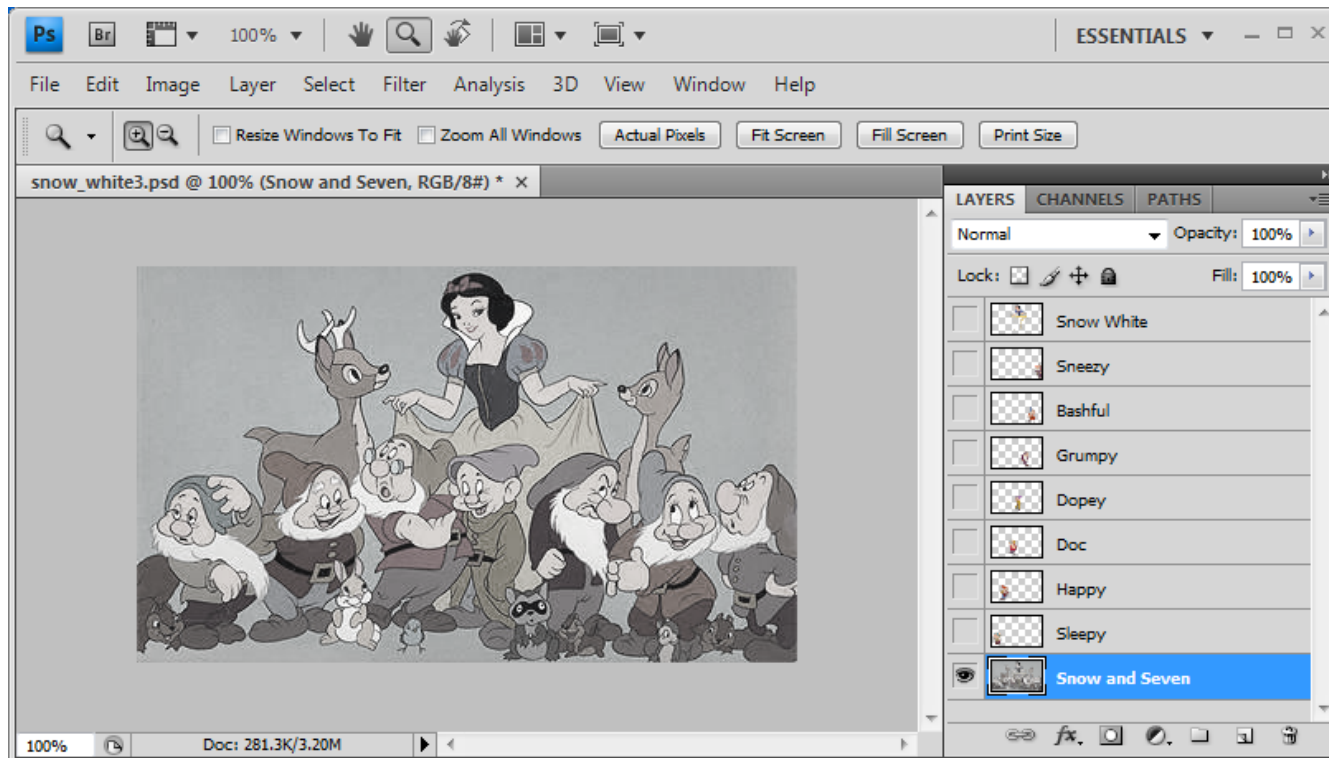
Step-by-Step

1. Open Image in Adobe Photoshop and save the file with a “.psd” extension.
2. Add overlays in layers above the background layer. Turn off the visibility on each overlay. ([See Page 4](#))
3. Save your “.psd” and upload it to SIMPL. Click on the preview box and admire your creation.

It's that **SIMPL**!

Example







- Go to: <http://apps.tlt.stonybrook.edu/SIMPL>
- Click on “Online Examples” in the navigation tab
- Download the Snow White source file, “snow_white3.psd” and open it in Photoshop.
- Go to Window>Layers (Or press F7) to see the Layers window
- Notice all the layers above the bottom don’t have an Eye  on them.
- Click on the Empty Square  on the left of the layer to see the overlay!

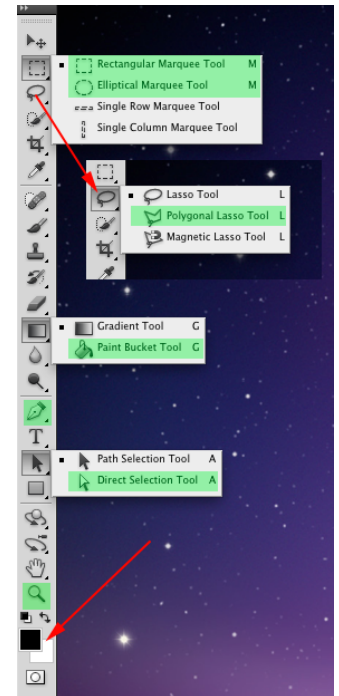
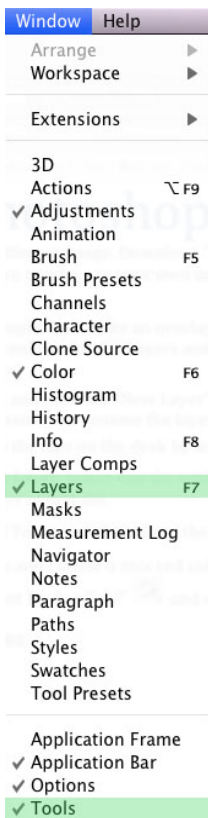


Creating Your Own Overlays with Adobe Photoshop

Let's work together on a different image. Download "[find.psd](#)" and open it in Photoshop. When you're done, you'll be able to add creative overlays to your own image!

To start with something simple, let's make an overlay for the dice that covers them up with red.

1. Make sure the windows for the Layers and Tools are open by going to "Window>Tools" and "Window>Layers"
2. Go to the Layers and click the "New Layer"  icon at the bottom of Layers. When the new layer comes up, click on the name and rename the layer "Dice."
3. Zoom in close to the dice on the desk by using the "Zoom Tool"  or "Alt + Mouse Wheel".
4. Click on the Dice Layer. Select one die with the "Polygon Select Tool"  by clicking each of the bordering corners of that die.
5. At the bottom of Tools, you should see the "Set Foreground/Background Color"  selector. Click on the white square and choose a nice red color. That square should now be red .
6. Click on the "Paint Bucket Tool"  and click on the inside of your selection.



BEFORE



AFTER









7. Do steps 4 through 6 for each of the three dice.

Congratulations! You made your first overlay!

Advanced Techniques:

There are other ways to select parts of the image

-  "Rectangle Marquee Tool"
-  "Elliptical Marquee Tool"
-  "Lasso Tool"
-  "Pen Tool"

The "Pen Tool"  deserves special mention. It's hard to use at first, but becomes very powerful after you get used to it. [Here's a good tutorial](#) on how to use it. If you need to adjust a pen path, use the "Direct Selection Tool" . When you're finished with the tool, right-click on the path and choose "Make Selection."

There's also a Magic Wand tool. I do not recommend using it.

There are other effects for you to use with overlays

1. After selecting a part of the image and copying, you can either
 - a. Create a new layer and Edit>Paste your image into that new layer.
 - b. "Edit>Paste Special>Paste Into" which puts the part of the image in your selection into a new layer.
2. After you rename the layer appropriately, click on the layer and try out some of the filters. For example, try Filter>Artistic>Neon Glow.
3. You could also apply a filter to the background layer while keeping all the overlays normal. Snow White's background is unsaturated, but the overlays are in color.