



Adobe Photoshop CS 6

Level I

Topics:

- Toolbars
- Workspace
- Panels
- Camera Raw
- Image Adjustment

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Chapter 1

Toolbars

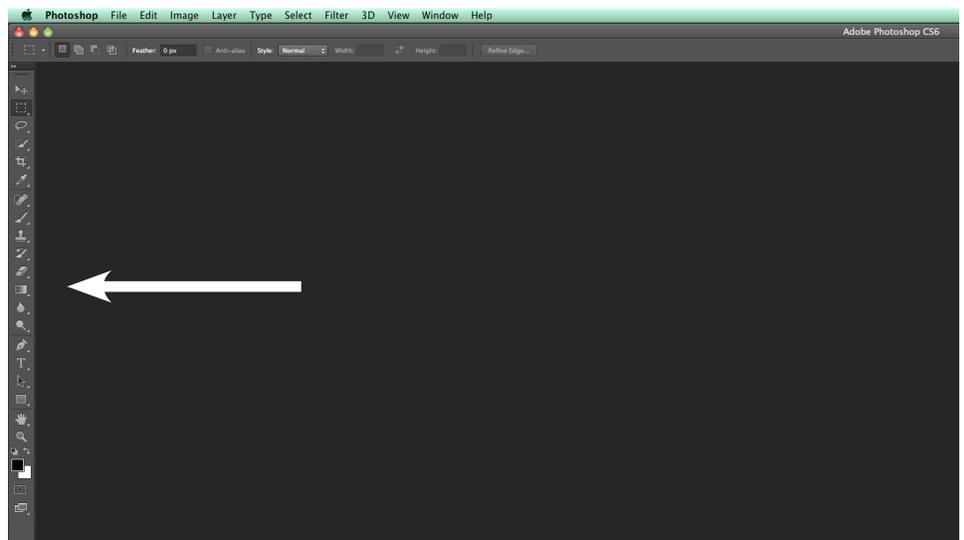
By default, Photoshop gives you a set of tools on the left called the Toolbar or the “Tools.” Each group of tools is separated by a divider. The first set of tools is commonly used for selections and making selections. The second group is used for image or photo editing. The third group is the vector based tools used to create and edit vector objects. The last group is the general Photoshop movement and utility tools.



Selections

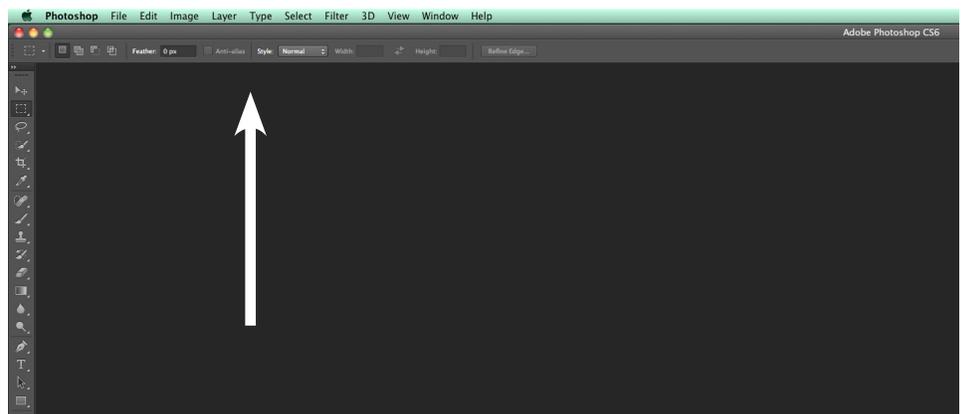
Image Editing

Vector Objects



Option Bar

The option bar is the area located right beneath the menu bar. This bar provides different options based on what tool is selected.



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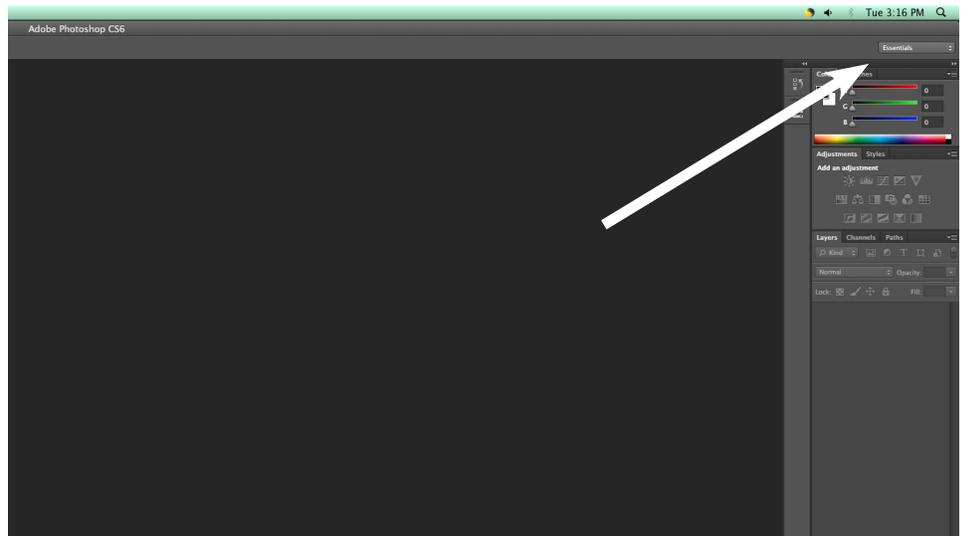
Tip: To quickly access the Move Tool while you are currently working in another tool, press and hold the space bar.

Tip: You can use various methods to zoom in and out. For example, when the Zoom tool is selected, you can select the Zoom In or Zoom Out mode on the options bar. You can choose View > Zoom In or View > Zoom Out. Or, you can type a new percentage in the status bar and press Enter or Return.

Tip: The History panel can only view up to 20 steps prior to the current state by default.

Workspaces

Photoshop lets you customize your workspace, controlling which panels, tools, and menus are available at any time. It comes with a few preset workspaces suitable for different types of workflows—tone and color correction, painting and retouching and so on.



Move Tool

The Move Tool lets you move and work with any selections you have made.

Zoom Tool

Zoom advances to the next preset zoom level. Hold the Alt key (Windows) or Option key (Mac) while clicking to zoom out.

Elliptical Marquee Tool

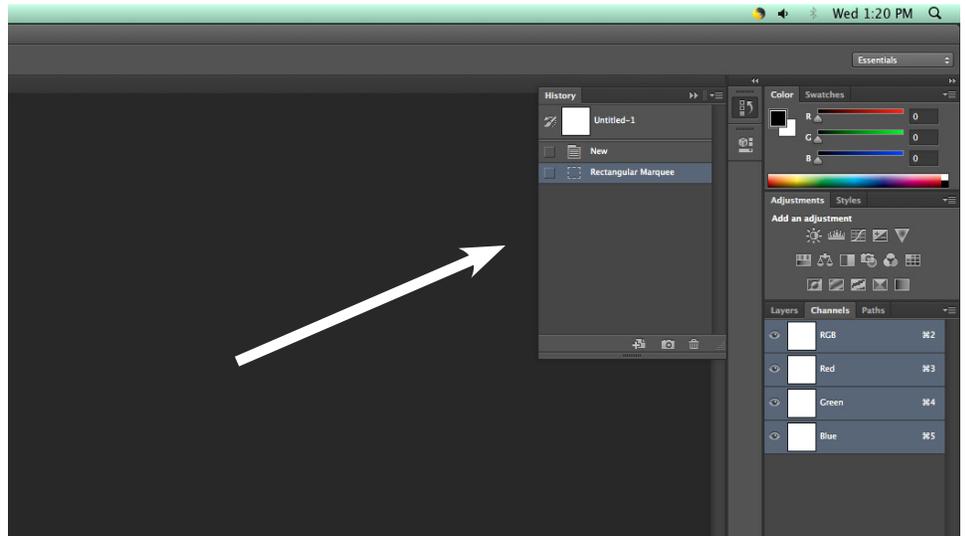
The Elliptical Marquee Tool makes an elliptical selection. By selecting specific areas, you can edit and apply effects and filters to portions of your image while leaving the unselected areas untouched.

Undoing Actions in Photoshop

In Photoshop, the Undo command (Ctrl+Z on PC, Command+Z on Mac) only reverses one step. This is a practicality because Photoshop files can be very large, and maintaining multiple

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Undo steps can tie up a lot of memory, which tends to degrade performance. You could use the Step Backward command to undo additional steps one at a time. However, it's faster and easier to step back through multiple actions using the History panel.



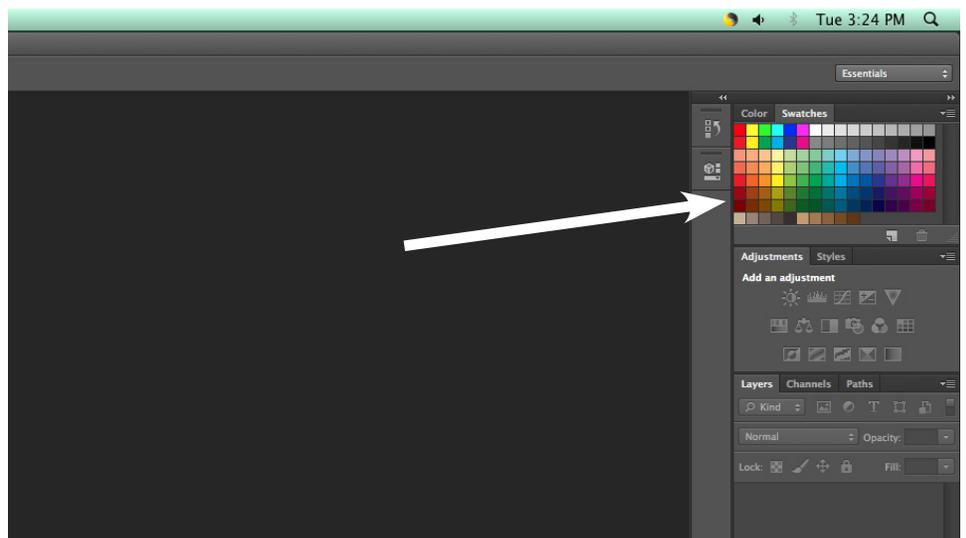
Tip: When you are done working with the Type Tool, hit the “Commit any current changes” (✓) at the top to apply any new text you have typed out. Alternatively, you can exit out of the Type Tool by clicking another tool with your mouse. Simply hitting the enter key will not exit you out of the Type Tool.

Horizontal Type Tool

The Horizontal Type Tool places text on its own type layer.

Swatch Panel

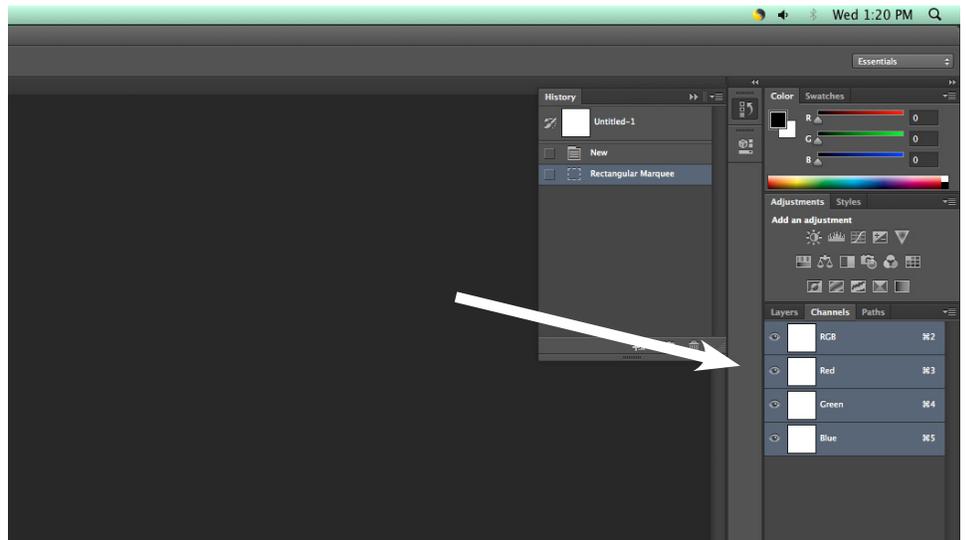
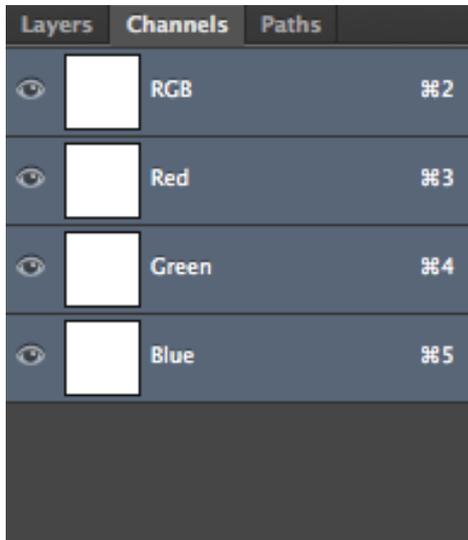
The Swatch Panel contains specific colors for you to choose from. By default you get a standard set of colors, but new swatches can be added by clicking the New Swatch button.



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Layers Panel

The Layers Panel lists all the layers in an image, displaying the layer names and thumbnails of the content on each layer. You can use the Layers panel to hide, view, reposition, delete, rename, and merge layers. The layer thumbnails are automatically updated as you edit the layers.

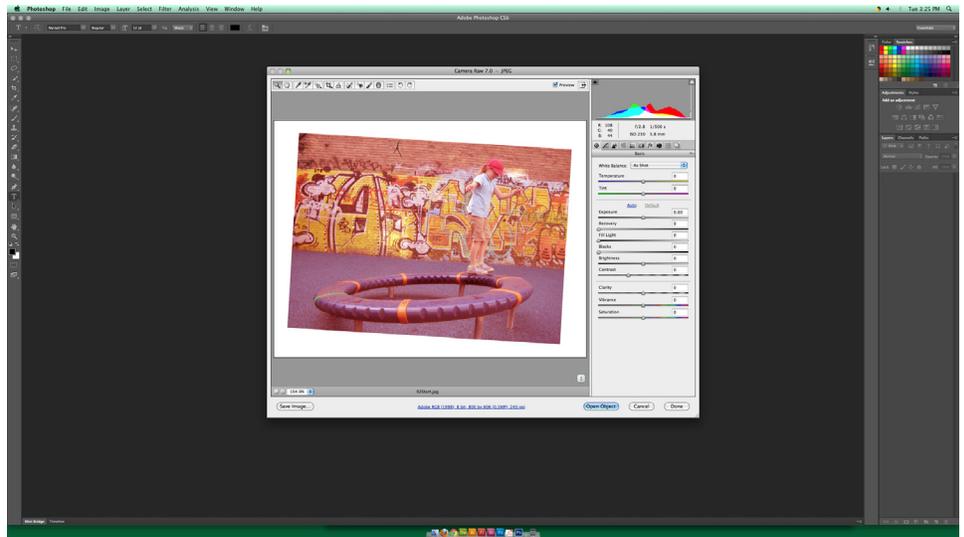


Chapter 2

Camera Raw

Tip: In order to use the Adobe Camera Raw feature, you must make sure that your camera has capability to shoot in this particular Raw file format. Raw formats include file extensions CRW and DNG.

A *camera raw* file contains unprocessed picture data from a digital camera's image sensor. Many digital cameras can save images in camera raw format. The advantage of camera raw files is that they let the photographer—rather than the camera—interpret the image data and make adjustments and conversions. Because the camera doesn't do any image processing when you shoot a camera raw photo, you can use Adobe Camera Raw to set the white balance, tonal range, contrast, color saturation, and sharpening.



Ruler Tool

Using Photoshop's Ruler Tool, you can draw a line parallel to the top of your image to have Photoshop straighten your image for you.

Color Replacement Tool

Use the Color Replacement tool to paint over one color with another. When you start painting with the Color Replacement tool, it analyzes the first pixels you paint over. Because it then only replaces pixels of similar color, you don't have to be terribly precise as you paint. You can select settings that determine whether the tool paints over contiguous or discontinuous pixels, and how much color difference the tool accepts.

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Tip: The Healing Brush tool works similarly to the Spot Healing Brush tool, except that it requires you to sample source pixels before retouching the area.

Sponge Tool

The Sponge Tool lets you change the saturation of a color. The Sponge Tool is useful for making subtle saturation changes to specific areas of an image.

Clone Stamp Tool

The Clone Stamp tool uses pixels from one area of an image to replace the pixels in another part of the image. Using this tool, you can not only remove unwanted objects from your images, but you can also fill in missing areas in photographs you scan from damaged originals.

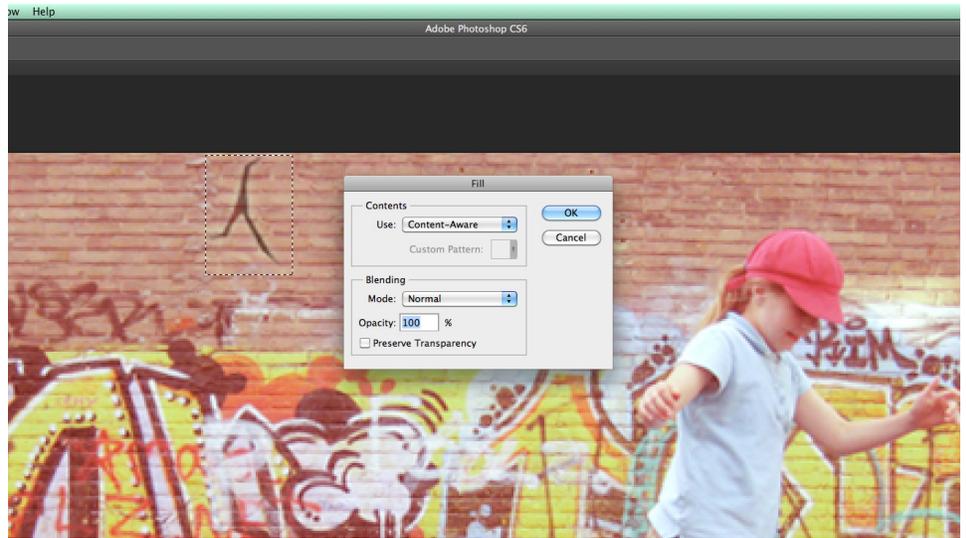
Spot Healing Brush

The Spot Healing Brush tool quickly removes blemishes and other imperfections from photos. It paints with sampled pixels from an image or pattern and matches the texture, lighting, transparency, and shading of the sampled pixels to the pixels being healed. Unlike the Clone Stamp tool, the Spot Healing Brush doesn't require you to specify a sample spot. It automatically samples from around the retouched area.

Content Aware Fill

Content-aware tools take blending a few steps further: Photoshop fills a selection with pixels that match the surroundings. Using the Patch tool in Content-Aware mode isn't like cloning, because you aren't copying part of the image to another part. Really, it's more like magic. You can fill any selection with content similar to the content around it, as if the object you selected never existed.

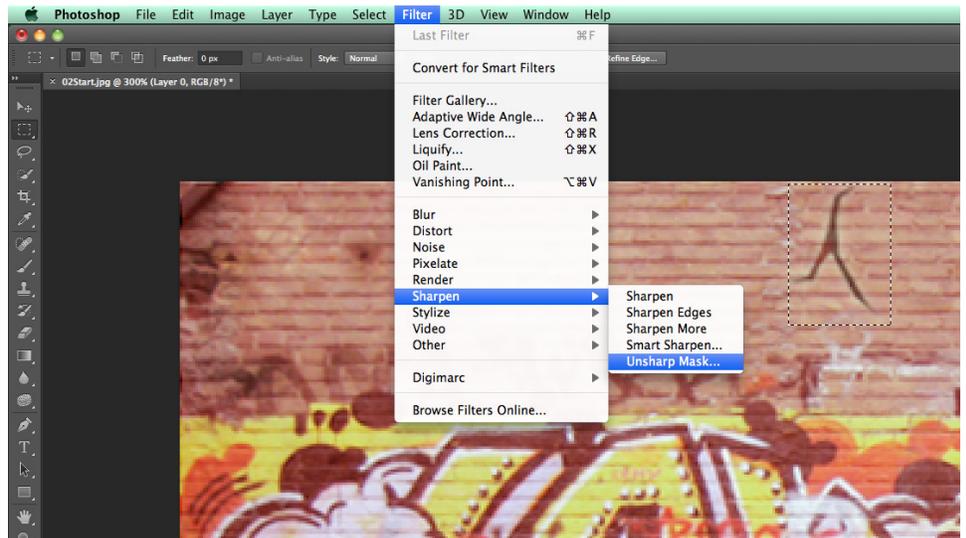
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Unsharp Mask Filter

Note: There are many methods of sharpening an image. The Unsharp Mask filter mimics a technique of classic photograph retouching.

The Unsharp Mask Filter adjusts the contrast of the edge detail and creates the illusion of a more focused image.



Wrap-up

By the end of this workshop, you should be able to:

- Describe two types of images you can open in Photoshop
- Open image files in Adobe Bridge
- Select different tools
- Change the pan and zoom of your view
- Understand resolution
- Use the crop tool to cut off unwanted parts of an image
- Adjust the tone and color of an image in Camera Raw
- Choose retouching tools to remove blemishes
- Apply the Unsharp Mask filter to sharpen