

PHOTOSHOP CS WORKSHOP



T o p i c s

- About Bitmap images and Vector graphics
- Looking at the Work Area

TOOLS

- Brush Palette
- Define Brush
- History Brush

TYPE

- Fill Type with an Image
- Warped Text
- Type on a Path

COLOR CORRECTION

- Levels
- Variations
- Shadow/Highlight
- Adjustment Layer

MASK

- Quick Mask Mode

AUTOMATION

- Web Photo Gallery
- Crop and Straight Photos
- Photomerge
- Batch [Action]

LAYERS

- Layer Basics, review
- Layer Styles

FILE BROWSER

- Basic Functions

Topic

Bitmap and Vector



BITMAP [RASTER] images describe images using dots, called pixels, arranged in a grid. Each dot is assigned a color, and when viewed at the correct resolution, the dots go together like tiles in a mosaic to form the image.

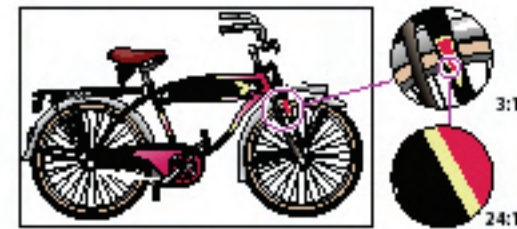
VECTOR graphics describe images using lines and curves, called vectors, that also include color and position information. You can move, resize, reshape, and change color of a vector graphic without changing the quality of its appearance. Vector graphics are resolution independent.

Images created by Adobe Photoshop are raster graphics. Objects in Photoshop are groups of many pixels, each of which can be a different color.

Because of the large amount of pixels necessary to create raster images, they require much more memory and storage to manipulate than vector graphics.



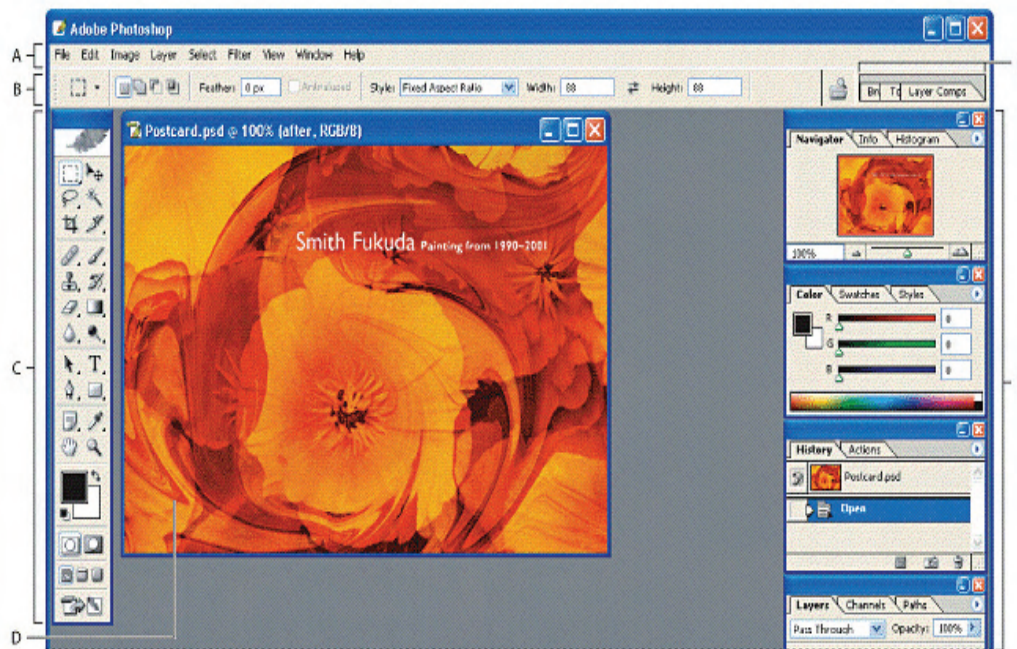
Example of a bitmap image at different levels of magnification



Example of a vector graphic at different levels of magnification

From Adobe Photoshop 7.0 User Guide

Work Area



Photoshop work area **A.** Menu bar **B.** Options bar **C.** Toolbox **D.** Active Image area **E.** Palette well **F.** Palettes

Memo

Topic

Demo

Projects

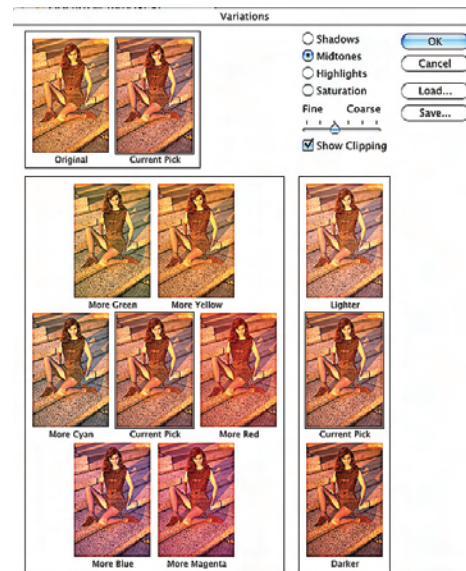
Selection Tools



Color Correction

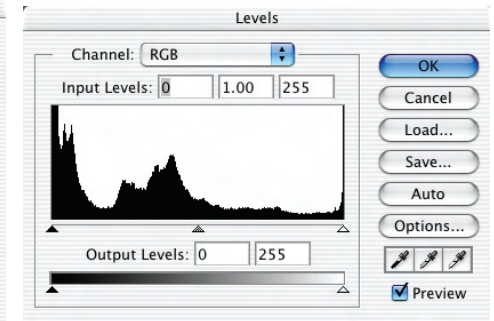
Select parts of an image using a variety of tools; move and duplicate selection; add to and subtract from selections; rotate, scale, and transform a selection; crop an image.

Discuss Photoshop's color correction commands under the Image --> Adjust submenu.



Students use various Photoshop tools to construct an image of a face with fruits and vegetables. (This exercise from Adobe Photoshop 6 Classroom in a Book)

Students fix a color cast using the VARIATIONS; brighten an under-exposed photograph using the LEVELS; and sharpen a soft-focused picture using the UNSHARP MASK FILTER.



Memo

Topic

Color Correction

Demo

Image --> Adjustments --> Shadow/Highlight ...

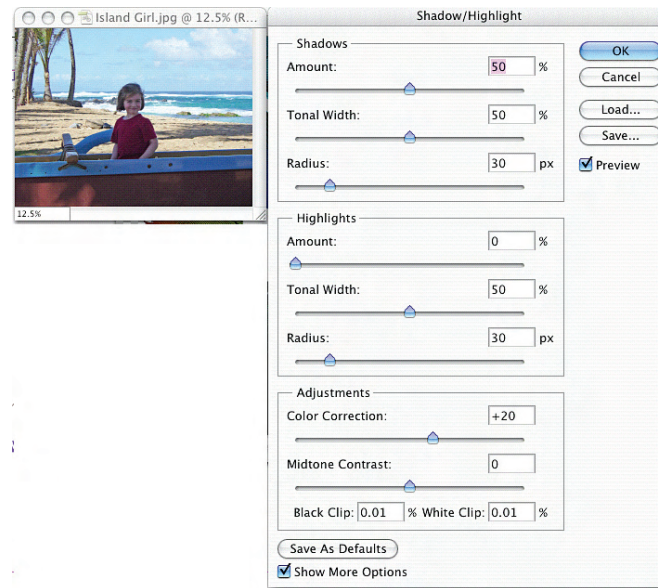
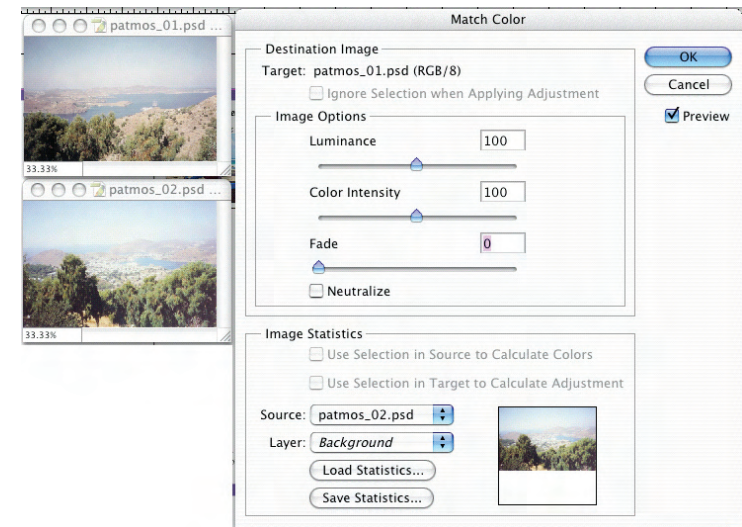


Image --> Adjustments --> Match Color ...



Type Tools



Show how to add text and manipulate type. Demonstrate how to apply a special effect (e.g. drop shadow) to a type layer.

Set some paragraph type and demonstrate spacing control available via the Paragraph palette.

Students use a type layer and a clipping group to fill type with an image.

Students use the TEXT WARP function as a way of starting a perspective distortion; students create Text on a Path with Photoshop CS's new feature.

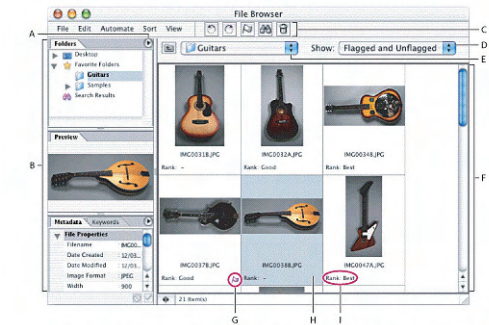
Memo

Topic

Demo

File Browser

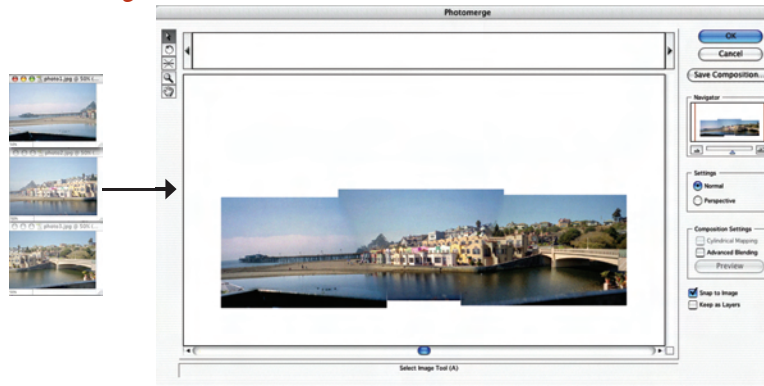
File Browser lets you view, sort, and process image files. You can use the File Browser to perform tasks such as creating new folders; renaming, moving, and deleting files; and rotating images. You can also view individual file information and data imported from your digital camera.



The Photoshop File Browser A. Palette pop-up menu B. Palettes C. Toolbar D. Caption E. Location bar F. Main window G. Flag Icon H. Selected file I. Rank

Automation

Photomerge





Crop and Straighten Photos



Web Photo Gallery



Memo

Topic	Demo	Projects
Mask 	<p>Discuss the Quick Mask Mode and demonstrate refining a selection with a paintbrush.</p>	<p>Students create a composite picture.</p>
Layers 	<p>Discuss layer basics: creating a new layer; view and hide layers; select layers; remove artwork on layers; reorder layers.</p>	<p>Students create artwork using layers (This exercise from Adobe Photoshop 6 Classroom in a Book)</p>
Memo		

References

Dayton, L. & Davis, J. (2002). The Photoshop 6 Wow! Book, Windows/Mac Edition. Berkeley, CA: Peachpit Press.
 McClelland, D. (2001). Look & Learn Photoshop 6. New York, NY: Hungry Minds, Inc.