



Interanctive Design



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Interactive Design

Wikipedia:

Interactive Design is defined as a user-oriented field of study that focuses on meaningful communication of media through cyclical and collaborative processes between people and technology.





Chapter

1

Interactive Design



Some information and ideas is shown through **visual methods**

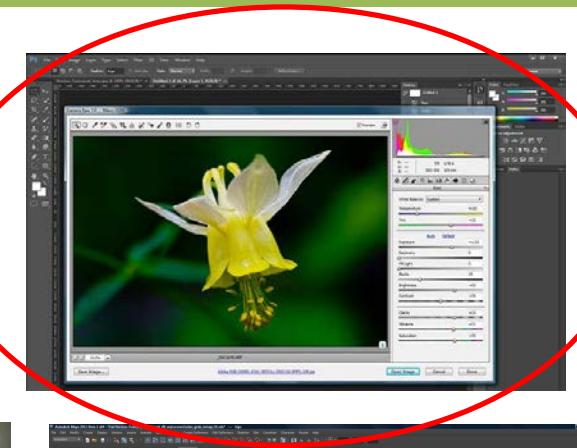
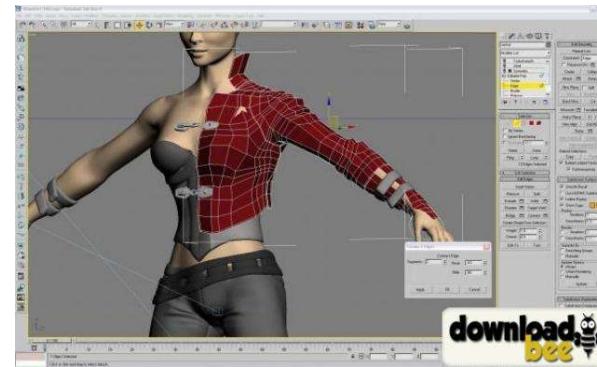
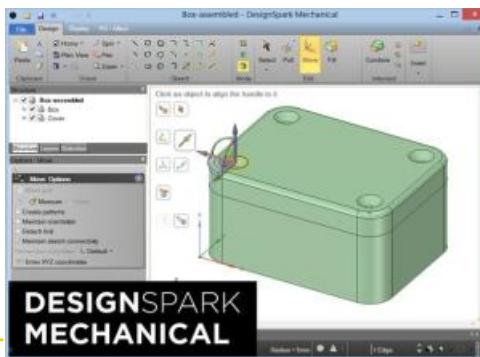
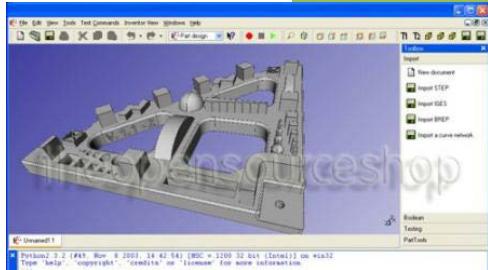


College of Mathematics, Physics and Information Engineering

Chapter

1

Interactive Design



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Interactive Design-Photoshop

This course will teach you the tools and techniques not only to dramatically and flawlessly improve your photographic images, but to create and amazing composite image, graphic design.



Getting to Know the Photoshop

**What kind of jobs can
Photoshop do?**



Photoshop Uses

- Enhance and retouch digital photos
- Create Paintings
- Add Special Effects to Film Stills
- Create Web-Ready Graphics
- Create detailed textures for 3-D Models
- Cannot create clean vector artwork like Adobe Illustrator



Introduction to Photoshop

Adobe Photoshop is an advanced photo editing and graphics program that allows you to create and edit photo quality images.

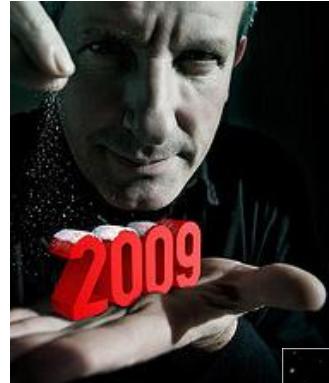


Introduction to Photoshop



Chapter

1





Chapter

1

Introduction to Photoshop



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Chapter

1

Some Problems



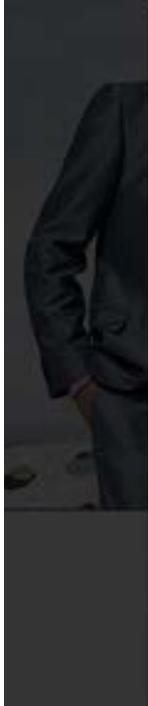
Some Problems



Some Problems



Some Problems



photoshopdisasters.blogspot.com



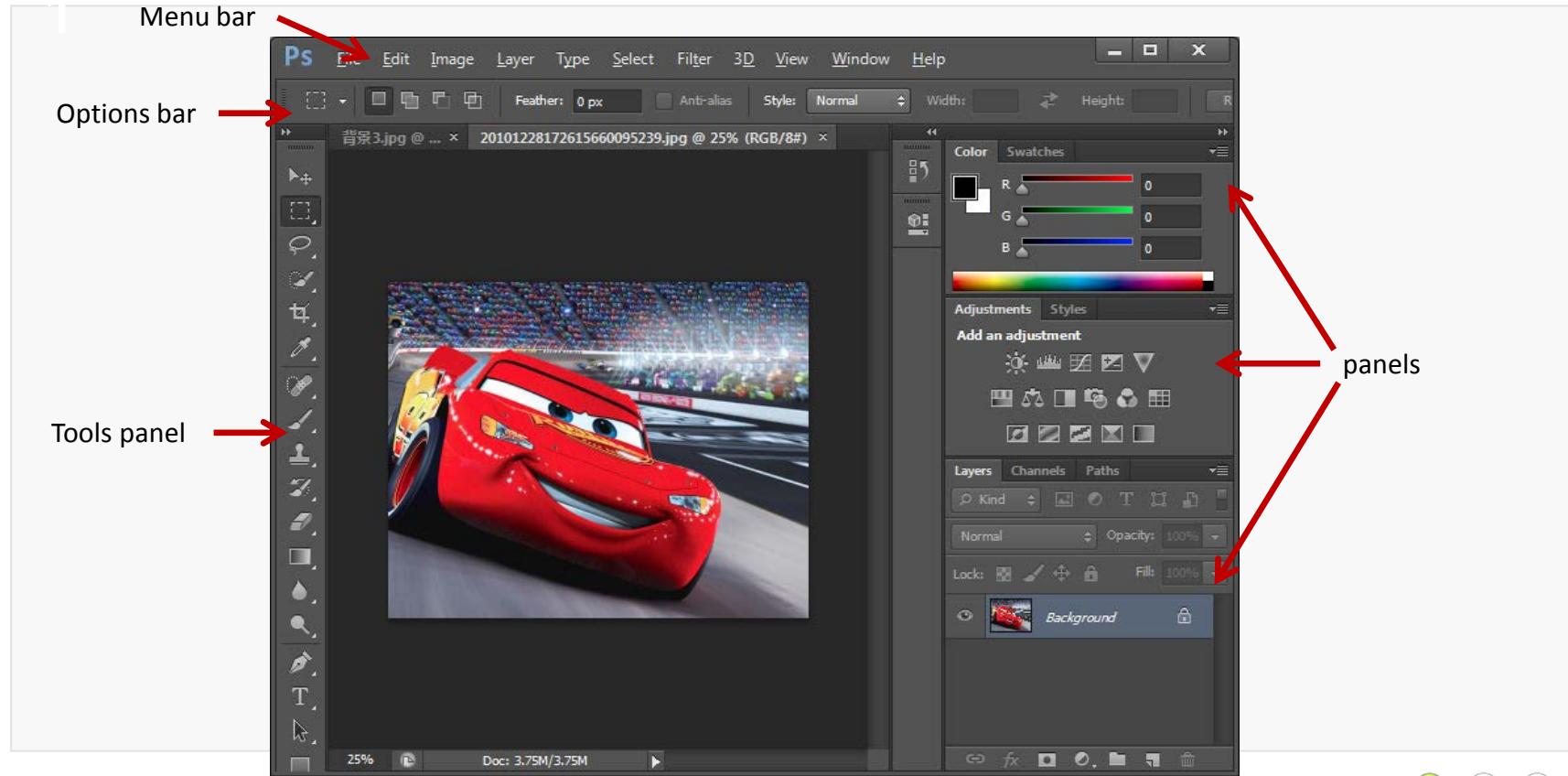
photoshopdisasters.blogspot.com



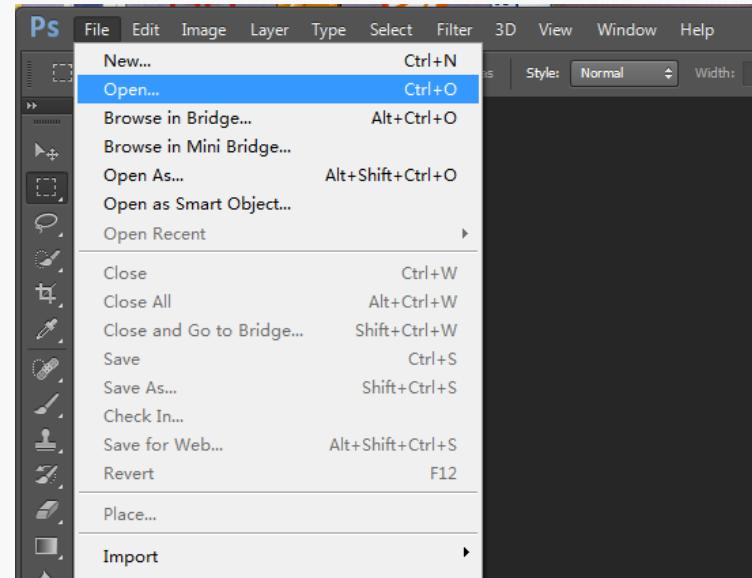


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About Photoshop CS6

Interactive Design

1. On the desktop, double-click the Adobe Photoshop icon to start Adobe Photoshop
2. The Photoshop work area appears
3. Choose File > Open
4. Select a picture file, and click Open





03

Using the tools

**Interactive Design**

Photoshop provides an integrated set of tools
for producing sophisticated graphics.

It contains five classes tools:

selection tools

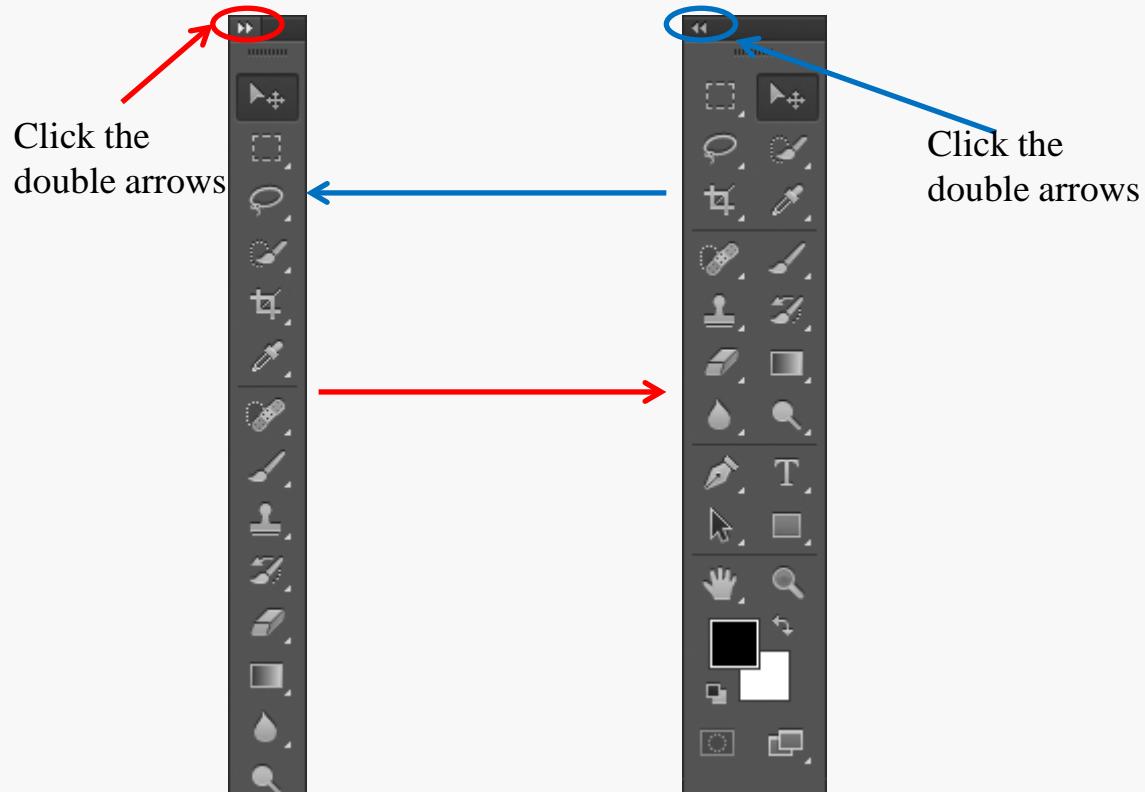
editing tools

painting

viewing tools

foreground- and background color selection boxes





selecting and using a tool from the tools panel — Zoom tool 

- Move the pointer over the Tools panel, and hover it over the magnifying-glass icon until a tool tip appears.



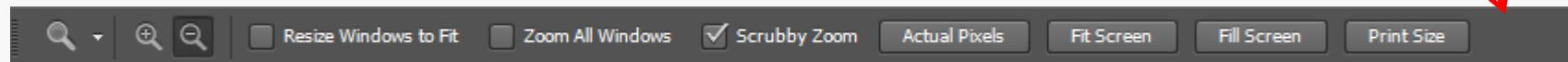
Tool's name

Zoom Tool (Z)

Keyboard shortcut

Options bar

- Click the Zoom tool () in the Tools panel, or press Z to select it.



selecting and using a tool from the tools panel — Zoom tool 

- Move the pointer over the image window. The pointer now looks like a tiny magnifying glass with a plus sign () , or a minus sign () in the center of the glass .
- Click anywhere in the image window.
- If you click again, the zoom advances to the next preset level, up to a maximum of 3200%.
- Hold down the Alt key so that the Zoom tool pointer appears with a minus sign in the center of the magnifying glass, and then click anywhere in the image. Then release the Alt key.

selecting and using a tool from the tools panel — Zoom tool 

- Scrubby Zoom Option

- ✓ selected

Drag to the right  Zoom in

Drag to the left  Zoom out

- ✓ Deselected

Drag a rectangle to enclose the area of the image that includes the headlight.



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Using a hidden tool

Interactive Design



The Tools panel arranges some of the tools in groups, with only one tool shown for each group. The other tools in the group are hidden behind that tool.

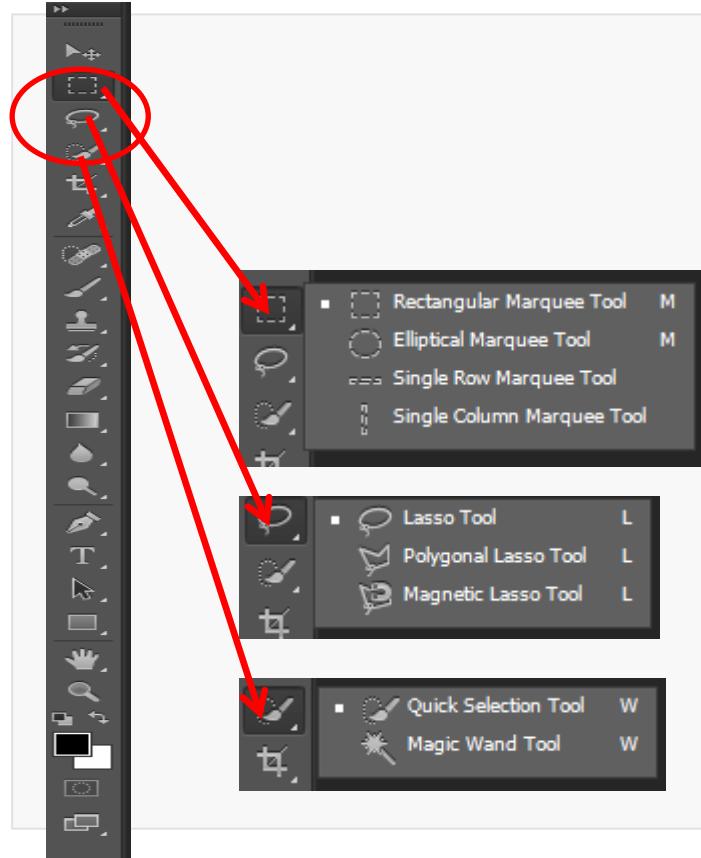




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Using a hidden tool

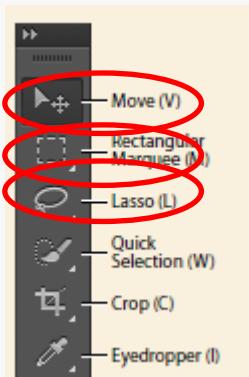
Interactive Design



The Tools panel arranges some of the tools in groups, with only one tool shown for each group. The other tools in the group are hidden behind that tool.

Using: Press and hold the mouse button over a tool to open the pop-up list of hidden tools, and select a hidden tool.





The **Move tool** moves selections, layers, and guides.

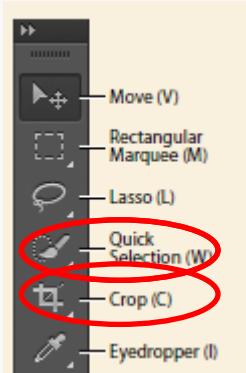


The **lasso tools** make freehand, polygonal (straight-edged), and magnetic (snap-to) selections.



The **marquee tools** make rectangular, elliptical, single row, and single column selections.

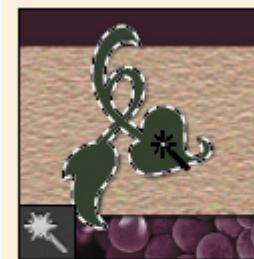




The **Quick Selection** tool lets you quickly "paint" a selection using an adjustable round brush tip.

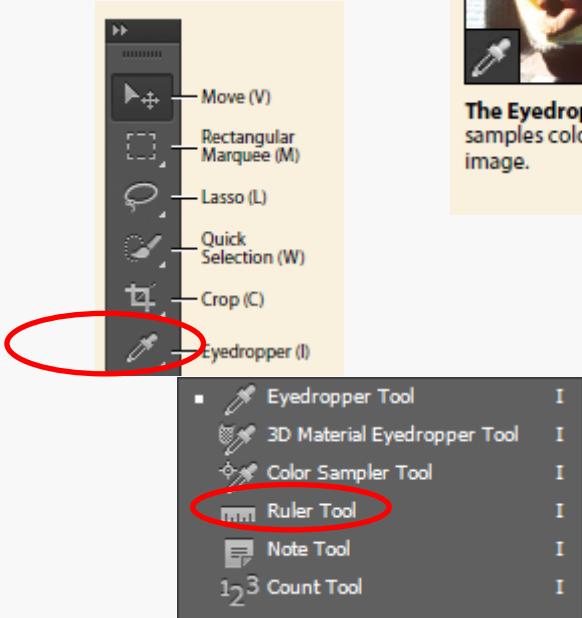


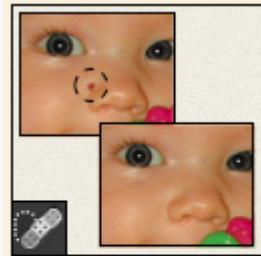
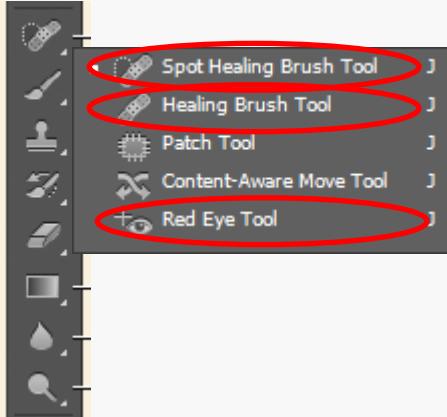
The **crop tools** trim, straighten, and change the perspective of images.



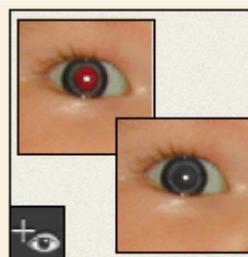
The **Magic Wand** tool selects similarly colored areas.







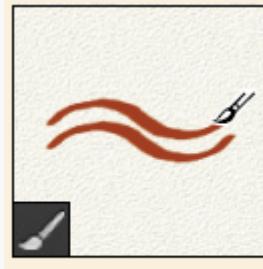
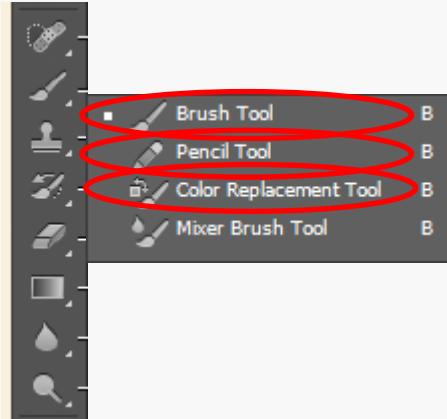
The **Spot Healing Brush** tool quickly removes blemishes and imperfections from photographs with a uniform background.



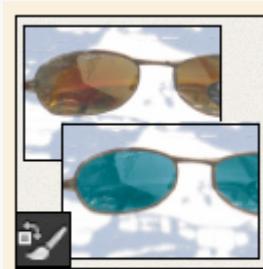
The **Red Eye** tool removes red eye in flash photos with one click.



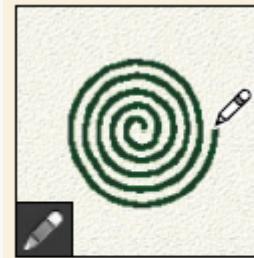
The **Healing Brush** tool paints with a sample or pattern to repair imperfections in an image.



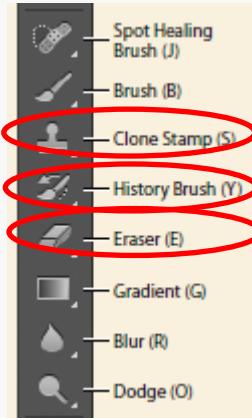
The **Brush tool** paints brush strokes.



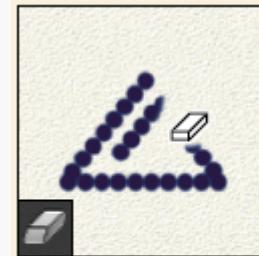
The **Color Replacement tool** substitutes one color for another.



The **Pencil tool** paints hard-edged strokes.



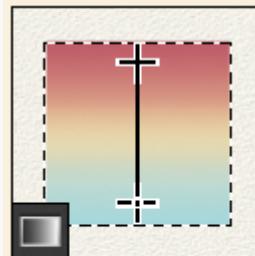
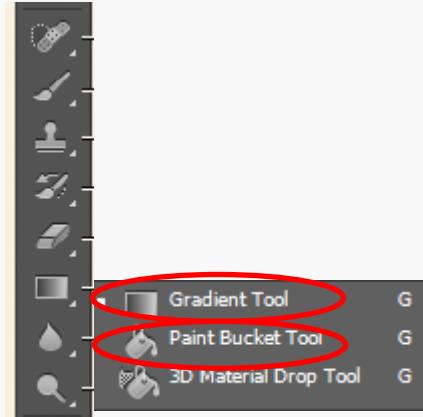
The Clone Stamp tool
paints with a sample of
an image.



The Eraser tool erases
pixels and restores parts
of an image to a previously
saved state.



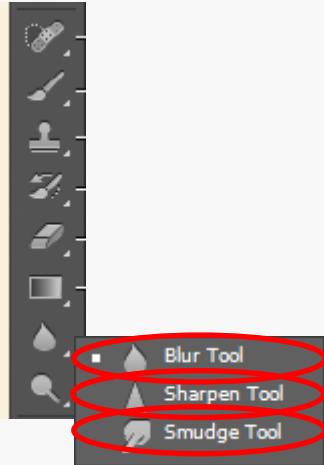
The History Brush tool
paints a copy of the
selected state or snap-
shot into the current
image window.



The **Gradient tool** creates straight-line, radial, angle, reflected, and diamond blends between colors.



The **Paint Bucket tool** fills similarly colored areas with the foreground color.



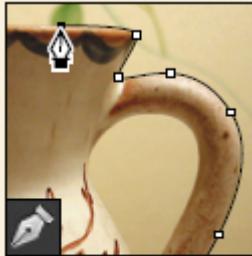
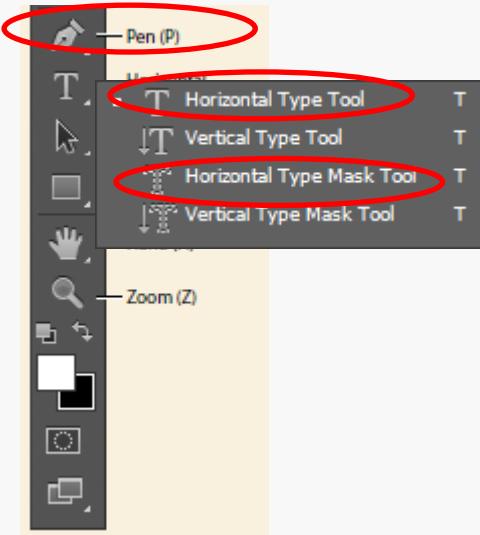
The **Blur tool** blurs hard edges in an image.



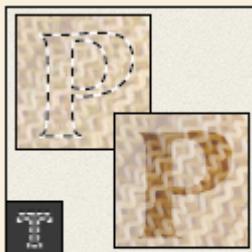
The **Smudge tool** smudges data in an image.



The **Sharpen tool** sharpens soft edges in an image.



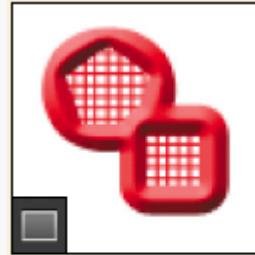
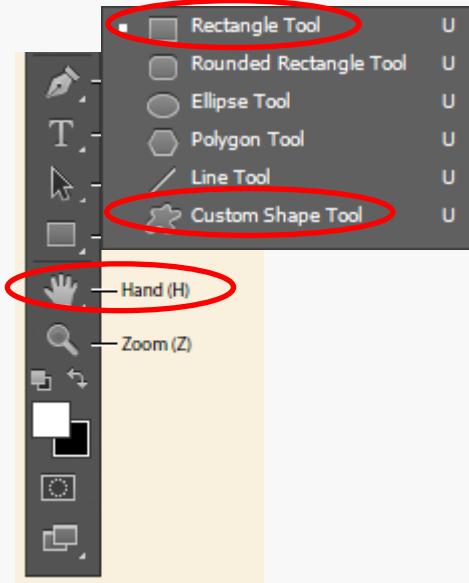
The pen tools draw smooth-edged paths.



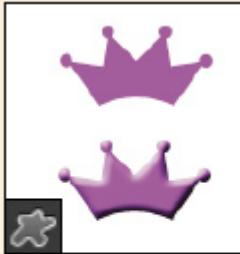
The type mask tools create a selection in the shape of type.



The type tools create type on an image.



The **shape tools** and **Line tool** draw shapes and lines in a normal layer or shape layer.



The **Custom Shape tool** makes customized shapes selected from a custom shape list.



The **Hand tool** moves an image within its window.

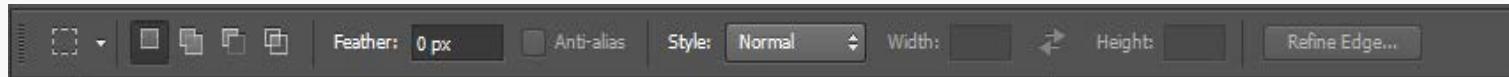


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using the options bar

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When you selected the
a tool in the tool panel, you saw that the options
bar contained options
that change the view of the current image
window.



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An Example—using the options bar



Pitch
in

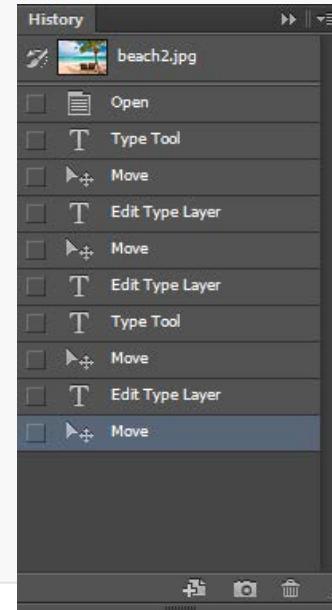
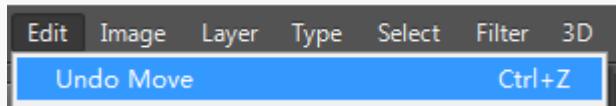
Monday is Beach Cleanup Day



undoing actions in Photoshop

Interactive Design

- Undo command
 - undoing a single action
- History panel
 - undoing multiple actions





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An Example

Interactive Design



Thank you !

