

Marquee
Tools

Select Menu

Lasso
Tools

Magic Wand
Tool

Quick Selection
Tool

Alignment
and
Distribution

Move Tool

Transforms

Chapter 2 Selection



Selection

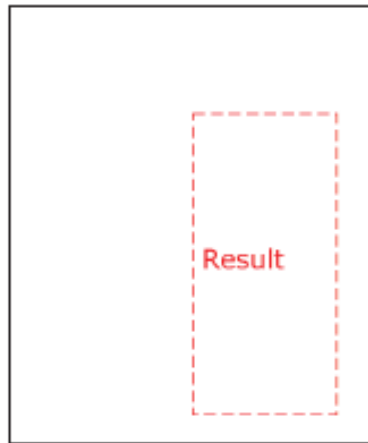
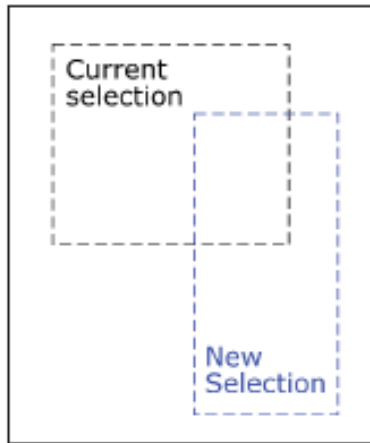
- Selection isolates one or more parts of your image. After selecting an area, you can edit it or apply effects and filters inside the selected area. Unselected areas will be untouched. A selection is indicated by a dotted white and black line. The selected area can be moved by using the move tool.



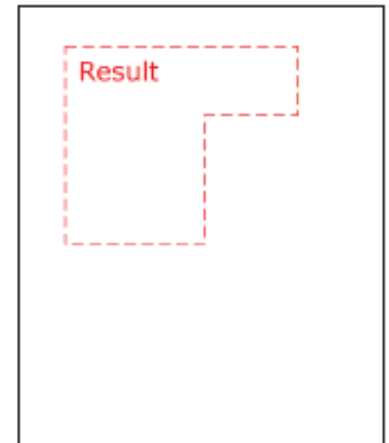
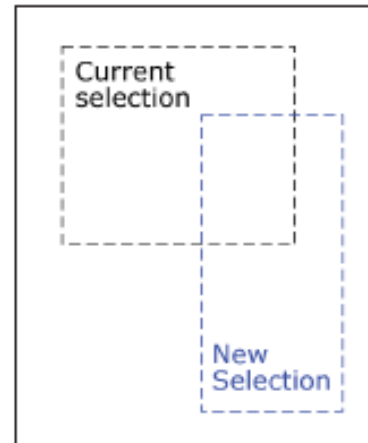
1. *New selection*
2. *Add to selection*
3. *Subtract from selection*
4. *Intersect with selection*

Selection

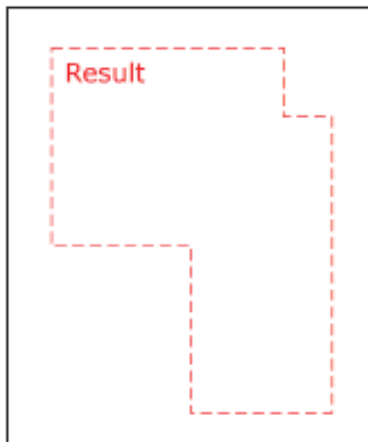
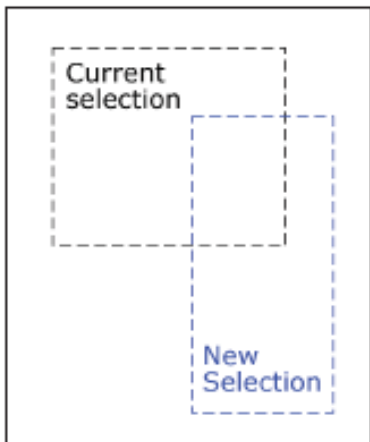
New: Creates a new selection. Your current selection will be replaced.



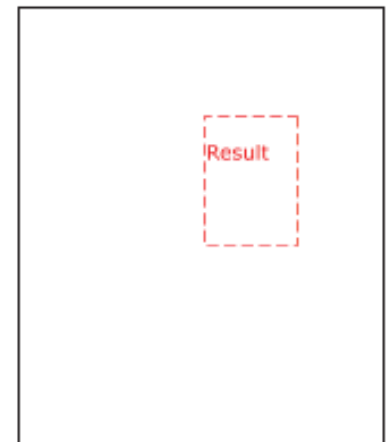
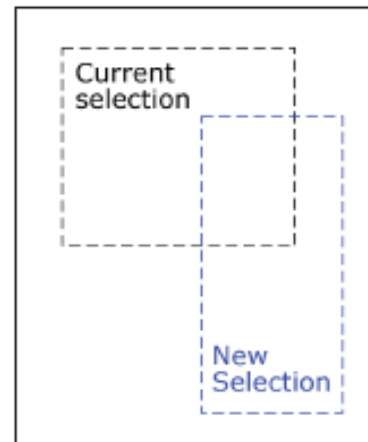
Subtract: Removes the new selection area from the current selection.



Add: Adds a new selection area to the current selection.



Intersected: Selects the intersection area of the current and new selections.



Selection Tools



Marquee tools

Lasso tools

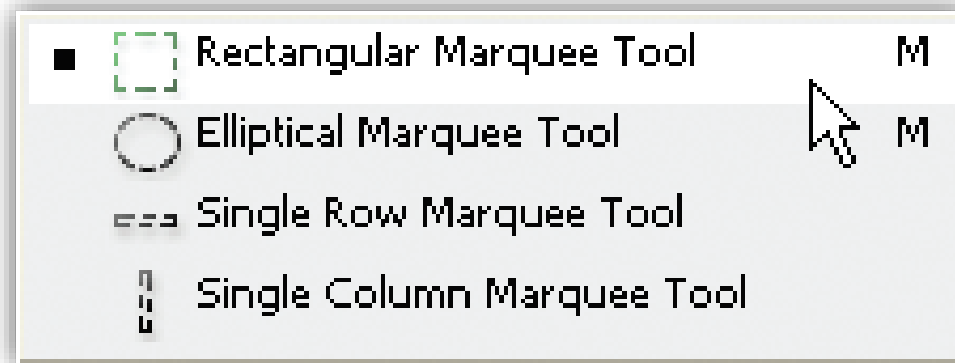
Magic wand tool

Select menu



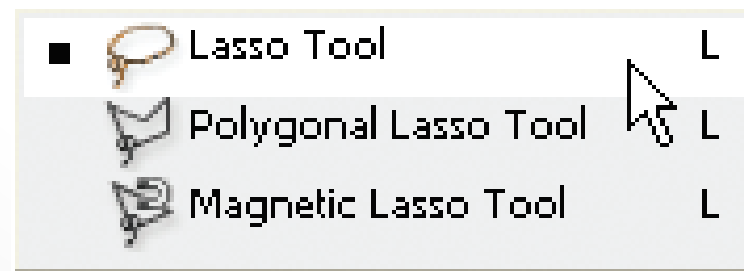
Marquee Tools

- **Rectangular Marquee** makes a rectangular selection.
- **Elliptical Marquee** makes an elliptical selection.
- **Single Row** or **Single Column** Marquee defines the border as a 1-pixelwide row or column.



Lasso Tools

- The **Lasso Tools** make freehand, polygonal and magnetic (snap-to) selections. Lasso tools are designed to help you make irregular selections. To finish drawing of a selection, either click on the selection starting point or double-click anywhere.
- **Lasso Tool** : You can use the Lasso Tool to make freehand selections.
- **Polygonal Lasso Tool** : The Polygonal Lasso Tool allows you to makes straight sided selection.
- **Magnetic lasso tool** is used to separate a part of the image which has a different color than it's surrounding.



Lasso Tools : Practice

Practice


→ This is the Ginn. Time to tear the photo. Select the *Polygonal Lasso Tool* from *Tools* menu and cover a part of the photo like shown in the picture. When you are done with covering the picture, double click on your start point to convert your drawing path to a selection.



→ Now select the *Move Tool*, click anywhere inside the selection and move it up. Do the same for other parts to make it look like it's torn up. This is how we split pictures, shapes into random parts in Photoshop, and I hope your Ginn comes back one day.



Magic Wand Tool

- The **Magic Wand Tool** () selects similarly colored areas. Similarity depends on the tolerance value of the magic wand. The default value of tolerance is 32. But for complex or colorful images, it is better to use a smaller tolerance.
- To add a selected part to a selection, use the magic wand by pressing Shift, to subtract from the selection use the magic wand by pressing Alt.

Magic Wand Tool



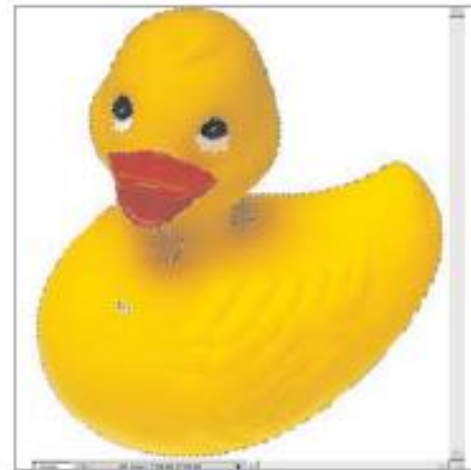
Tolerance:5



Tolerance:15




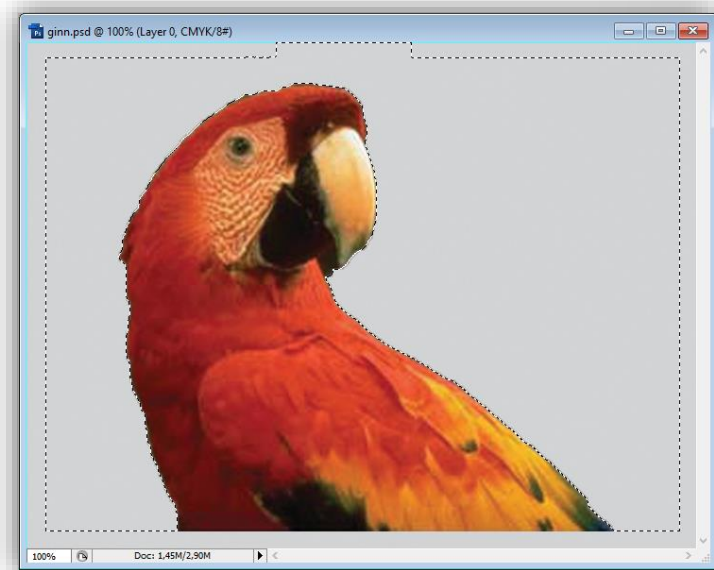
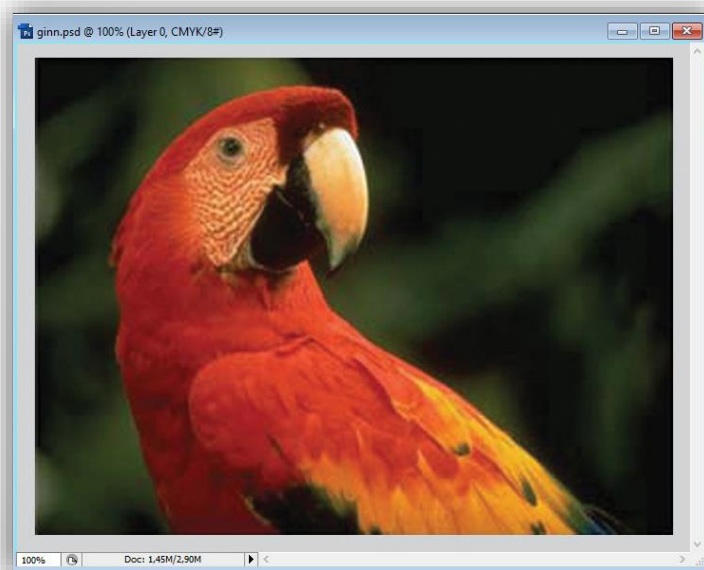
Tolerance:32 (Default)



Tolerance:100

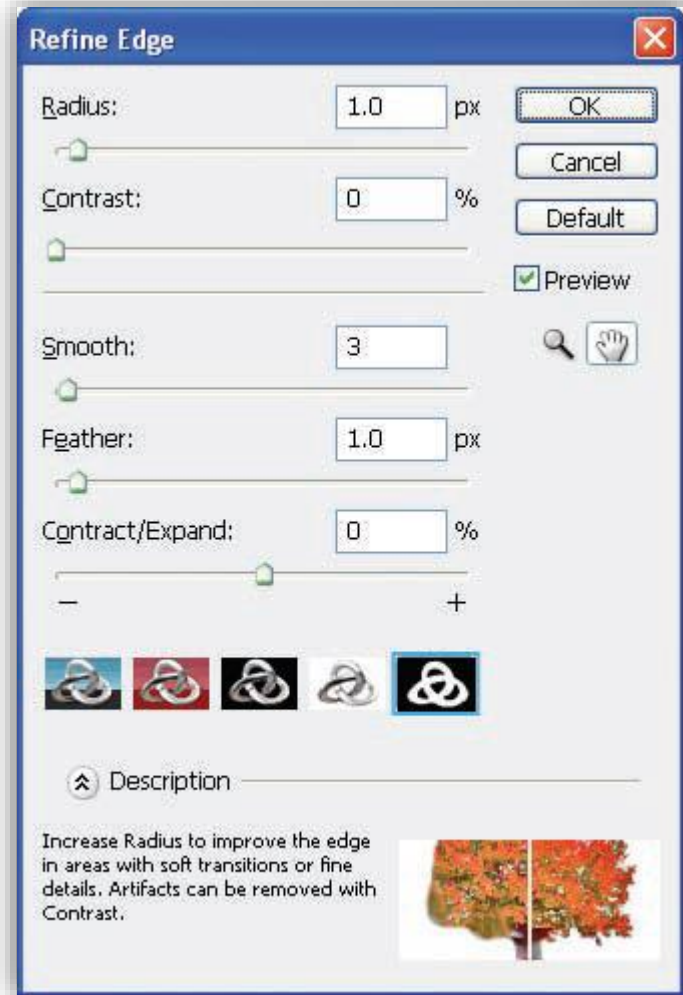
Quick Selection Tool

- **Quick Selection Tool** () is the brush form of the Magic Wand. Magic Wand works with a touch and fill action. But the new Quick Selection works more like a continuous brush stroke. Drag the tool through an area and other areas of similar color are selected. The brush size decides the distance within which Photoshop looks for similar colors.



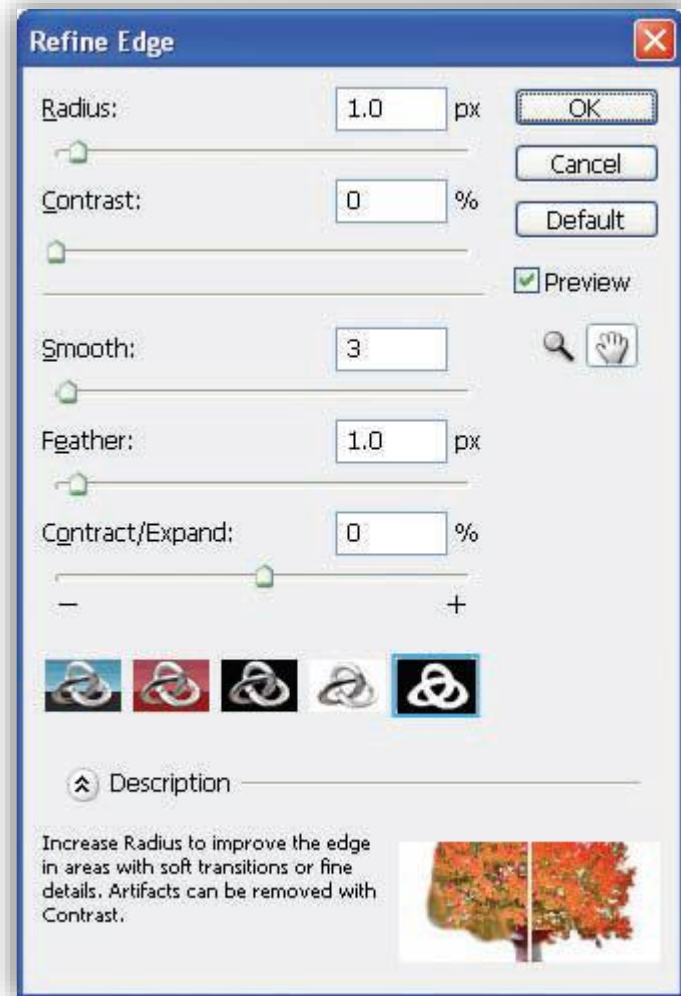
Refine Edge

- The Refine Edge option improves the quality of a selection's edges and allows you to view the selection with different backgrounds for easy editing.
 - Create a selection with any selection tool.
 - Click Refine Edge on the selection toolbar to set options for adjusting the selection.
 - Click one of the *Selection View* icons to change view modes. Description shows information about each mode.
 - To save your selection adjustments, click OK.

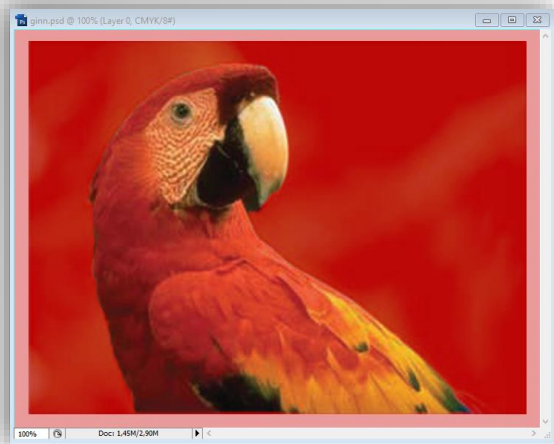


Refine Edge

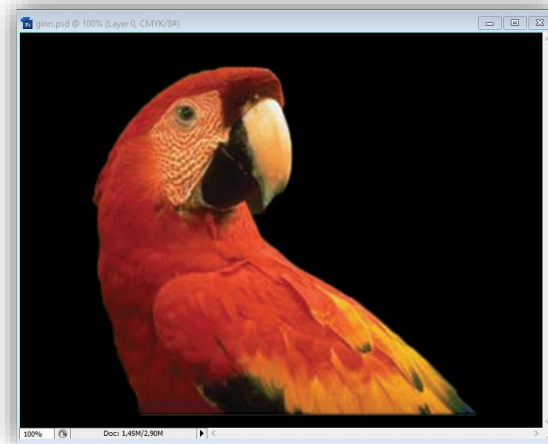
- **Radius** : Determines the size of the region around the selection.
- **Contrast** : Sharpens the selection edges and removes fuzzy artifacts.
- **Smooth** : Reduces irregular areas ("hills and valleys") in the selection boundary, creating a smoother outline. Enter a value or move the slider from 0 to 100.
- **Feather** : Creates a soft-edged transition between the selection and its surrounding pixels.
- **Contract/Expand** : Shrinks or enlarges the selection boundary.



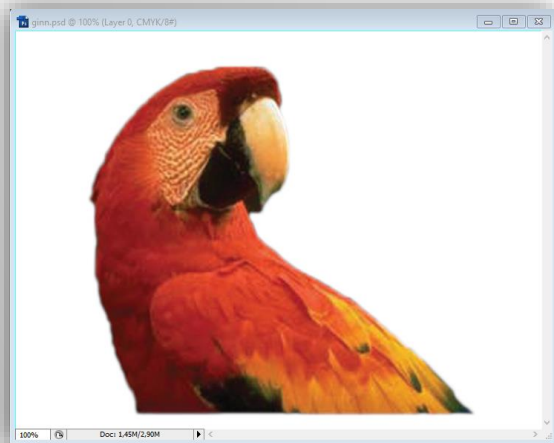
Refine Edge



Quick Mask



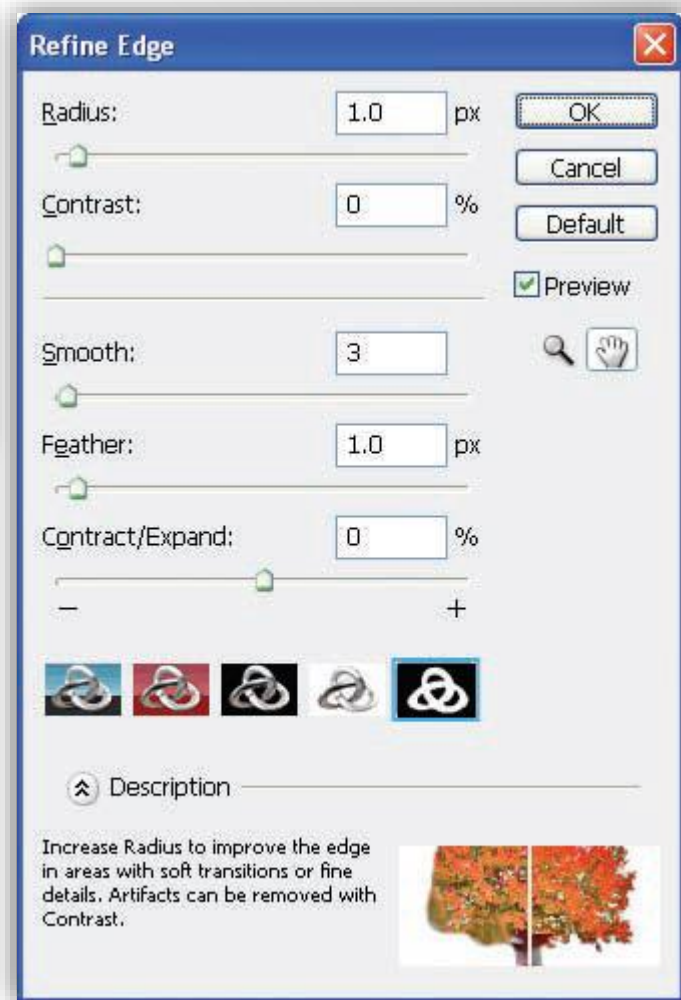
Black Background



White Background

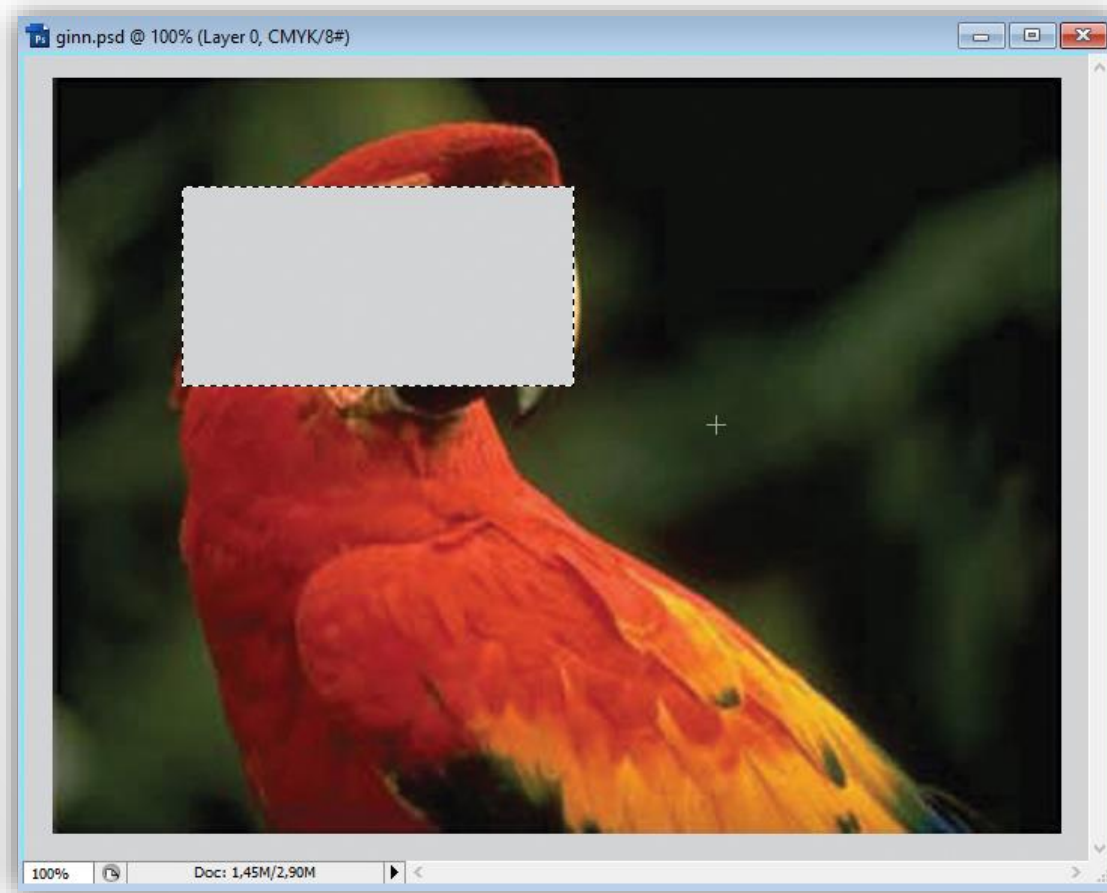


Alpha Channel



Deleting a Selection

- Simply, press “delete key” on your keyboard to delete a selection.



Move Tool

- The **move tool** lets you drag a selection or layer to another location in the image or to another image on your workspace.
- **Moving the Selected Area**
 - 1. Make a selection by using selection tools.
 - 2. Select the move tool.
 - 3. Drag the selection to the desired destination.
 - 4. The moved part will be filled by background color.



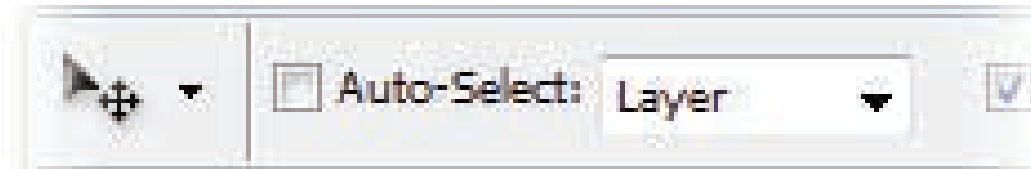
Move Tool

- By using the move tool you can also **copy** a selection to another location.
- **Copying the Selected Area**
 - 1. Make a selection by using selection tools.
 - 2. Select the move tool.
 - 3. Press Alt key and hold your finger on it.
 - 4. Drag the selection to the desired destination.
 - 5. The original selected part will not change.



Auto Select Layer

- The **Auto Select Layer** automatically selects the layer you click on when the **Move Tool** is selected. It's useful when we are working with multiple layers.



Show Transform Controls - Resize

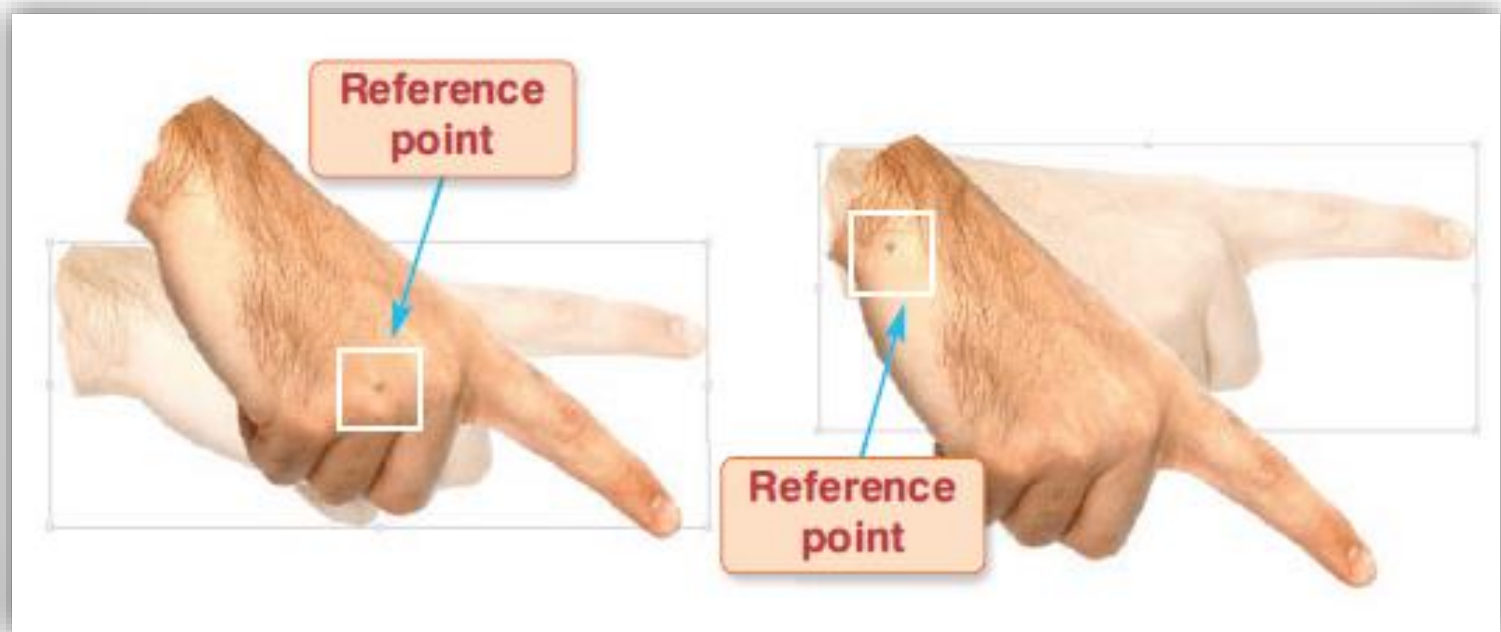


- When it is selected, displays the transform controls around an object in the selected layer. It helps us to see the border of our selection.
- When *Show Transform Controls* is selected, click on the corner or side points of image. Drag them out to expand the size of an image, or drag them in to contract the size of an image. Press Shift key while dragging to resize the object proportionally.



Rotating Image with Move Tool

- Position the cursor out (but very close) of the boundaries of the image. When the cursor turns to a rotate icon, you will be able to rotate your image around the reference points. Also you can change the position of the reference point.

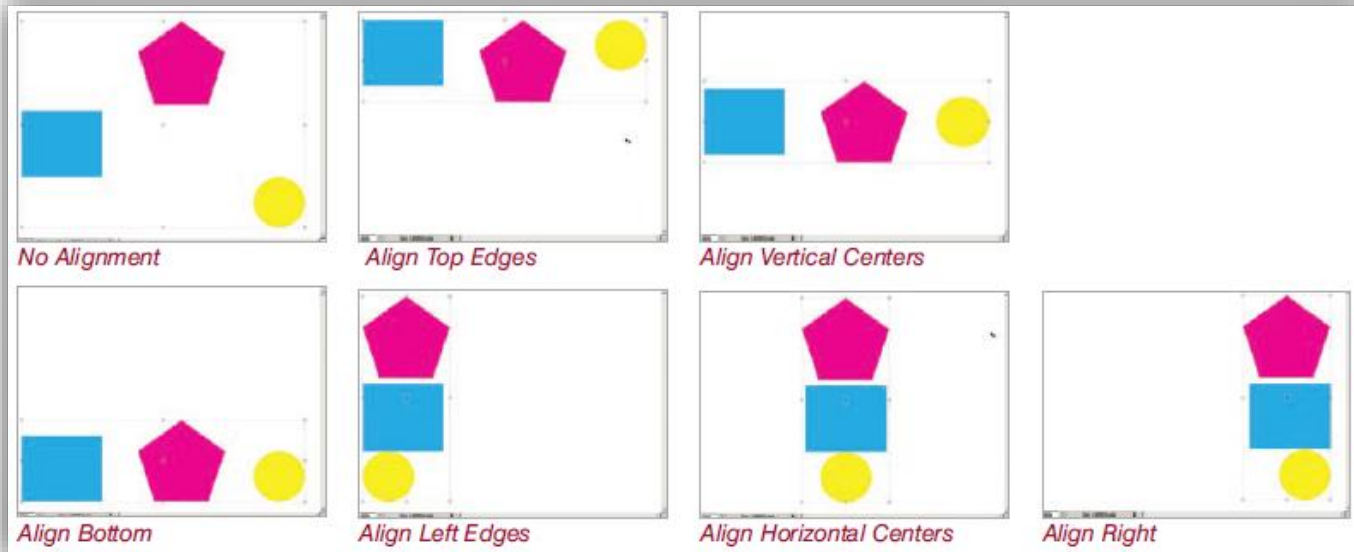


Alignment Buttons

- The **Alignment** options let you align the layers as you like. To align layers, first you need to select the layers you want to align in the layers menu. Holding Ctrl as you click allows you to multi-select. If you hold Shift as you select, it will select everything between your first and last click.

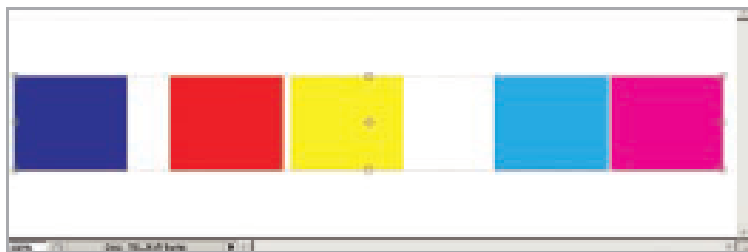


Alignment Buttons

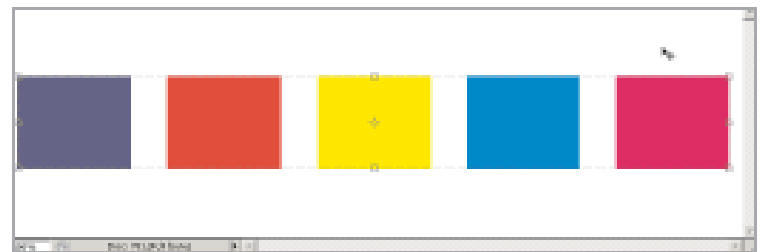


Distribute Buttons

- Clicking on any distribute button automatically positions selected layers, with equal space between each layer. You have to select at least three layers to enable this group of buttons. On the following picture, we have five colored rectangles which have different spaces between each other. After you distribute them, the spaces between any two neighboring layers will be the same.



Undistributed



Distributed

Select Menu

- **Feather Selection:** It controls the degree to which the edge of a selection is faded. In this example we will make a simple photo frame by using feather selection. There are two ways to make a feather selection:

The First Way:

- ✓ Make a selection on your photo
- ✓ Choose *Select -> Modify -> Feather*, (**Alt + Ctrl + D**)
- ✓ Specify Feather Radius (50 pixels) and click OK
- ✓ Inverse your selection. *Select -> Inverse*, (**Shift + Ctrl + I**)
- ✓ Specify a background color for your frame

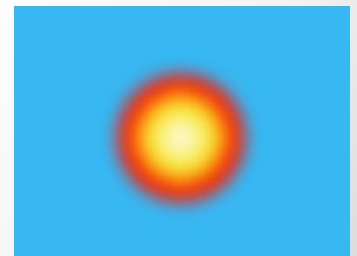
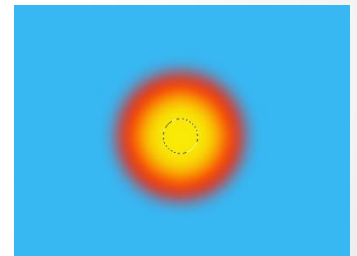
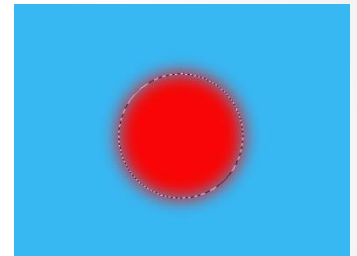
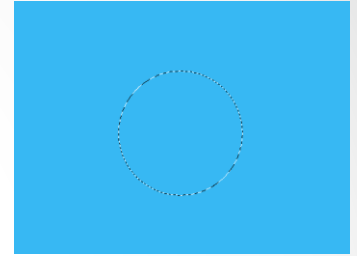
The Second Way:

- ✓ Change *Feather Radius* on the selection toolbar.
- ✓ Make a selection on your photo
- ✓ Inverse your selection. *Select -> Inverse* (**Shift + Ctrl + I**)
- ✓ Specify a background color for your frame
- ✓ Press **Delete** key



Practice : Making a Sphere

1. Create a new file with 800x600 pixels, RGB color mode and 72 dpi resolution.
2. Fill the Background layer with blue.
3. Select the **Elliptical Marquee Tool** and draw a circle by pressing Shift key while you are drawing.
4. Select a bright RED color as the Foreground color.
5. **Select -> Modify -> Feather** and write **20**.
6. **Edit -> Fill -> Foreground Color** to fill the circle.
7. **Select -> Modify -> Contract** and write **40** pixels.
8. **Select -> Modify -> Feather** and write **20**.
9. Select the yellow color as the Foreground and fill the selection with yellow.
10. **Select -> Modify -> Contract** and write **50** pixels.
11. **Select -> Modify -> Feather** and write **20**.
12. Select white color as the foreground color, and fill the selection with white.



Transforms



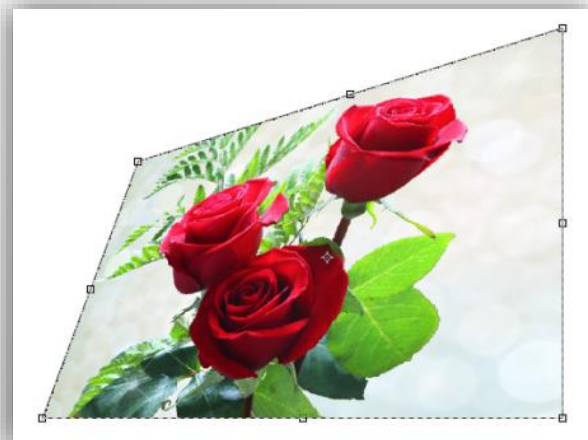
The Original Image



Resize



Rotate



Distort



Skew



Perspective

Free Transform

1. Select the image you want to transform.
2. Choose *Edit* -> *Free Transform*.
3. Do one of the following:
 - Press **Shift** to scale proportionately.
 - To **rotate**, move the pointer outside the border and then drag.
 - Hold **Ctrl** for **distortion**.
 - To **skew**, press **Ctrl+Shift**, and drag a side handle.
 - To apply **perspective**, press **Ctrl+Alt+Shift**, and drag a corner handle.
 - To finish a transformation you have applied, press **Enter** key.
 - To cancel the transformation, press **Esc** or click the **Cancel** button in the options bar.

You can use the **Ctrl+t** keys combination to switch to free transform functions. Then by right clicking, you can choose transform style.

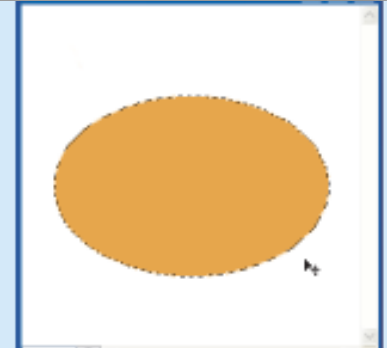
The Transform Commands

- There is no difference between Transform and Free Transform. You can warp by using transform command only.
- To **warp** a selection:
 - Select the image you want to warp.
 - Choose Edit > Transform > Warp.
 - Drag the control points.
 - Press Enter or click the Commit button in the options bar.



Practice :Creating a Logo (Part 1)

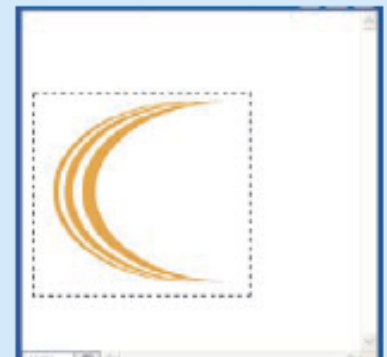
- Open the file **mta.psd**.
- Set *Foreground* color to **Orange** and *Background* color to **White**.
- Select *Elliptical Marquee Tool* from Tools and draw an ellipse.
- Press **Alt + Delete** key combinations to fill inside the selection with orange color



- By using arrow keys on your keyboard, move the selection (not the shape) 5 pixels (press on the right arrow 5 times) to the right.
- Press **Delete** key to fill inside the selection with white.

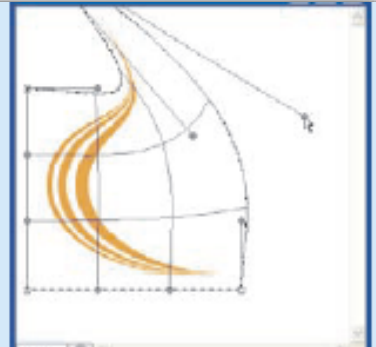


- Move the selection 8 pixels to the right. Press **Alt + Delete** keys to fill inside the selection with orange color.
- Move the selection 10 pixels to the right side and press the **Delete** key.
- Move the selection 8 pixels to the right. Press **Alt + Delete** keys to fill inside the selection with orange color.
- Move the selection 15 pixels to the right and press the **Delete** key. You should have a crescent moon shape.



Practice :Creating a Logo (Part 2)

- Make a rectangular selection around the shape.
- Click *Edit -> Transform -> Warp*.
- Try to make a shape like in the picture by changing the positions of the control points.



- After finishing the shape, unhide the layer **Meridian Travel Agency**. Save your work.



Practice

Selecting an Image

→ Open the file **rose.psd** and make the following changes by using **selection tools**.



rose.psd



Elliptical Marquee



Color Range



Feather



Magnetic Lasso



Magic Wand

The End

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