

PHOTOShop

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* Details about PhotoShop.

* Tools Details and their Shortcuts

* move tool & artboard tool (V)

→ move tool is allows you to move Selections and Lingers around the canvas.

→ Artboard tool is used to change artboard size and no. of artboard in Photoshop

* Rectangular Marquee Tool (M)

→ allows you to make rectangular Selections of the Image or Shape

* Elliptical Marquee Tool (M)

→ allows you to select elliptical or rounded Selections of the Image or Shape

* Single row marquee tool.

→ allows you to select single row of pixels stretching from the one side of the Image

* Single column marquee tool.

→ allows you to select single column of pixels stretching from the one side of the Image

* Magic Wand Tool (W)

- The magic wand allows you to select parts of the image that are similar in colour. Adjusting the tolerance in the options bar when you click on this tool.
- It allows you to adjust how much the magic wand selects. If the tolerance is low it will select only very similar colours.
- If the tolerance is high it will select colors from a wider spectrum. Very useful for removing backgrounds from an image.

* Lasso Tool (L)

- The lasso tool allows you to make irregular, freehand selections of the image.

* Polygonal Lasso Tool (L)

- The polygonal lasso tool allows you to make polygonal selections of the canvas - such as triangles and other regular straight edged shapes.

* Magnetic Lasso Tool (L)

→ The magnetic lasso tool is similar to the regular lasso tool although it automatically clips the edges of an image. You can adjust the setting of this tool in the option bar.

* Crop Tool

→ Click on this tool selects the area of your document that you wish to crop and hit enter on your keyboard to confirm the crop.

* Slice tool (K)

→ The slice tool allows you to divide the image into segments which can be exported to the form of HTML table.

→ This is useful for web design because parts of the image can be individually optimised or used as hyperlinks. Dividing such an image into smaller parts also makes it appear to load faster for browsers.

* Slice Select Tool (K)

→ This tool allows you to move and resize slices.

* Healing Brush (J)

→ The healing brush allows you to fix blemishes, scratches and other imperfections in image.

- Hold down the ~~ctrl~~^{ctrl + alt} key to select area of image which is similar to the one you want to repair.
 - Use the healing brush to paint over the imperfections.
- ### * Patch tool (J)
- This is another image retouching tool which allows to patch areas of the image.
 - There are three ways to do this:
 - First click on patch tool which allows you to patch areas of the image.
 - Select the area of the screen that is to be patched up.
 - Click on 'source' in the option bar. Drag the selected area to the region of the image you want to use as patch.
 - Click on 'destination' in the option bar. enables you to do the reverse: select the patch then drag it to the area you wish to patch up using the options bar.
 - You may also patch the selected area with a pattern.

* Brush Tool (B)

- The Brush tool is much like a conventional paint brush when you click on the Brush tool you are able to select a range of different brushes from the options bar.
- You can also set the opacity and flow of the brush; select the colour of the brush by clicking on set foreground color selector.

* Pencil Tool

- The Pencil tool is much like an conventional pencil except you can choose a whole range of shapes and sizes for the nib using the options bar you can also set the opacity of the pencil.

* Clone Stamp tool (C)

- It allows you to clone parts of an image

* Pattern stamp tool (C)

- It allows you to paint a pattern on the canvas

You can specify the sort of pattern you would like using the options bar

* History Brush (Y)

- The History Brush is very similar to the Clone Stamp tool with one important difference: instead of allowing you to clone part of the image.
- It allows you to clone part of the image as it appears in the previous stage of the History.
- This means you can change an image and then regain portions of it using the History Brush.

* Art History Brush (Y)

- Art History Brush allows you to transform conventional image into works of art by experimenting by choosing different styles and brush types. It's best to work on a new layer above the original image.
- This will preserve the original. If you make major mistakes

* Eraser (E)

- Allows you to Erase parts of the image. Erased areas are filled with background color.

* Background Eraser (E)

→ This makes the erased areas transparent.

* Magic Eraser (E):

→ Much like magic wand tool effective for removing areas of similar colors.

→ Check 'contiguous' in the options bar to ensure the area you remove is smooth.

* Gradient Tool (G).

→ Click on this tool draw a line in the canvas to create a gradient from the foreground color to the background color options to make more complex gradients can be found in the options bar.

* Paint Bucket (K)

→ Fills an area of the screen with the foreground color. The tolerance of this tool can be adjusted in the options bar.

* Blur Tool (R)

→ Using this tool you can blur a part of the image. Blur strength and blurring can be chosen.

* Sharpen tool (R)

→ Use this tool to sharpen the image.

* Smudge tool (R)

→ Use this tool to smudge the image.

* Dodge tool (O)

→ Use the Dodge tool to lighten parts of the image. You can choose to lighten shadows,

highlights or midtones using the options bar. You can also set the exposure of the Dodge tool.

* Burn tool (O)

→ Burn tool darkens parts of the image like the Dodge tool. You can choose to darken shadows, highlights or midtones using the options bar. You can also set the exposure of the Burn tool.

* Sponge Tool (O)

→ The sponge tool can be used to saturate or de-saturate the image that is make the colors more and less vivid.

* Path Selection tool (A)

→ This line allows you to select vector graphics.

* Direct Selection tool (A)

→ This allows you to manipulate vector graphics such as lines, shapes and text

* Horizontal Type tool (T)

→ creates horizontal type you can adjust the size and font in the option bar.

* Vertical Type tool (T)

→ creates vertical type

→ you can adjust the size and font in option bar.

* Horizontal Type Mask Tool (T)

→ This creates a horizontal text shaped selection which can be manipulated in various ways.

* Vertical Type Mask Tool

→ This creates a horizontal text shaped selection which can be manipulated in various ways.

* Pen tool (P)

- The Pen tool is used to create paths which can be made into selections or objects that can have a stroke around them or be filled with colors.

* Free form pen tool (P)

- The Free form Pen tool allows you to create freehand paths.

* Add Anchor Point tool

- The Free form tool allows you to create additional anchor point on a path, essentially giving you the ability to manipulate it very flexible ways.

* Delete anchor point Tool

- Allows you to change paths by deleting anchor point of a path.

* Rectangle tool (U)

- Draws rectangular paths.

* Rounded Rectangle tool (U)

- Draws rounded rectangular paths.

* Ellipse tool : (U)

→ draws ellipses or rounded circles.

* Polygon tool

→ allows you to create polygon shapes

* Line tool (L)

→ draws line

* Custom Shape tool (U)

→ draws custom shapes

* Note Tool (N)

→ creates post-it notes which can be positioned throughout the document useful for collaborative working with other people

* Audio annotation tool (A)

→ creates audio annotations which can be positioned on the canvas

* Eye dropper tool (I)

→ the dropper tool is used to select colors from the canvas the selected color becomes the foreground color.

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* color sampler tool (I)

- Select colour information from a specific point in your image you can store up to four different colours
- These can be cleared using the options

* measure tool (I)

- Used to measure areas on the screen. Values appear for the options.

* hand tool (H)

- Used to scroll around your document

* zoom tool (Z)

- Select the particular area of the screen to zoom into holding down the left button enables you to toggle between zoom in and out.