



# INTRODUCTION TO PHOTOSHOP CC 2019

## PART 1 – Tool panel and tools




Adobe Photoshop is the industry standard for creating vector/bitmap graphics. It is used for graphic and web design, image manipulation, photo restoration, digital illustration, and even creating textures for 3D modeling and animation. If it has to do with graphics in any way you can bet you will find Photoshop at the heart of things.

These notes are designed to provide you with the basic knowledge to get you started. It's recommended that you attend as many Photoshop workshops as possible. As well taking advantage of the many tutorials online.

### WORKING WITH THE TOOLBAR

With the Tool Bar you can select and manipulate all or part of your image. You can also create shapes and text.

### Tools Panel Overview



- A Selection tools**
  - Move (V)\*
  - Rectangular Marquee (M)
  - Elliptical Marquee (M)
  - Single Column Marquee
  - Single Row Marquee
  - Lasso (L)
  - Polygonal Lasso (L)
  - Magnetic Lasso (L)
  - Quick Selection (W)
  - Magic Wand (W)
- B Crop and Slice tools**
  - Crop (C)
  - Perspective Crop (C)
  - Slice (C)
  - Slice Select (C)
- C Measuring tools**
  - Eyedropper (I)
  - 3D Material Eyedropper (I)
  - Color Sampler (I)
  - Ruler (I)
  - Note (I)
  - Count (I)
- D Retouching tools**
  - Spot Healing Brush (J)
  - Healing Brush (J)
  - Patch (J)
  - Content Aware
  - Red Eye (J)
  - Clone Stamp (S)
  - Pattern Stamp (S)
- E Painting tools**
  - Eraser (E)
  - Background Eraser (E)
  - Magic Eraser (E)
  - Blur
  - Sharpen
  - Smudge
  - Dodge (O)
  - Burn (O)
  - Sponge (O)
- F Drawing and type tools**
  - Pen (P)
  - Freeform Pen (P)
  - Add Anchor Point
  - Delete Anchor Point
  - Convert Point
  - Horizontal Type (T)
  - Vertical Type (T)
  - Horizontal Type Mask (T)
  - Vertical Type Mask (T)
- G Navigation tool**
  - Hand (H)
  - Rotate View (R)
  - Zoom (Z)
- Shape tools**
  - Rectangle (U)
  - Rounded Rectangle (U)
  - Ellipse (U)
  - Polygon (U)
  - Line (U)
  - Custom Shape (U)

■ Indicates default tool \* Keyboard shortcuts appear in parenthesis

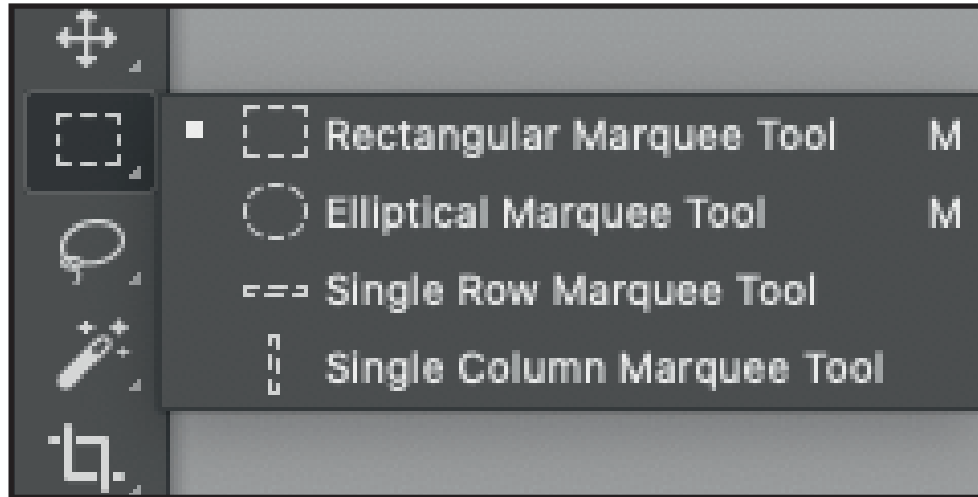


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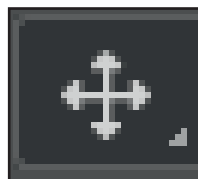
### WORKING WITH THE TOOLBAR



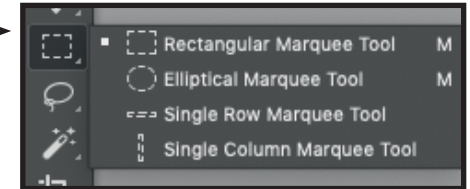
Some of the Tool bar icons have a small triangle in the bottom right hand side. These indicate an extra set of tools, click the icon and keep your finger held down on the mouse to show the dialogue box.

To the right of the tool name, there's a letter. This is the short cut key for that tool - just press the letter on the keyboard to select it.

The **Move Tool** moves items around the canvas.



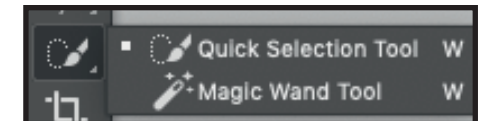
The **Marquee Tool** allows you to make rectangular or elliptical selections.



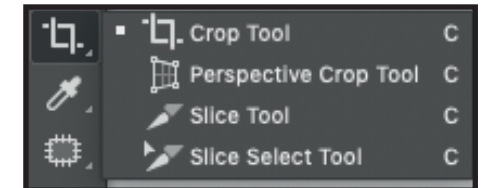
The **Lasso Tools** allows you to make custom selections.



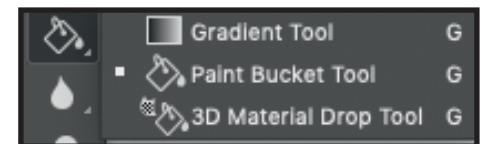
The **Quick Selection & Magic Wand Tool** allows you to make selections based on pixels.



The **Crop Tool** lets you remove unwanted parts of your image.



The **Paint Bucket Tool** is used to fill larger areas of an image with colour. The tool functions by filling a given internal area specified by a preexisting outline.





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### Spot Healing Brush.

To use the **Spot Healing Brush** you must first select a source point to sample from. by holding down the ALT key and clicking the mouse Then click over the areas you want brush.



### The Healing Brush Tool

works by sampling pixels from the surrounding areas of an image depending on where you click. This is great for things like removing skin blemishes, dust and scratch marks etc.



The **Patch Tool**. This works slightly differently than the healing brush but gives you the same results.



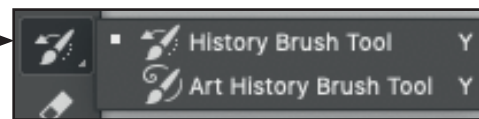
### The Red Eye Tool.

This is used for removing red eye from images. Simply click in the eyes and it's done.



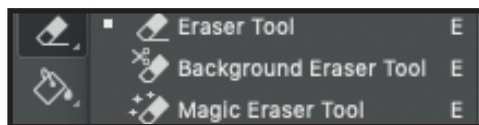
### The History Brush

Lets you use the History Panel to create different looks



### The Eraser Tool

rub out unwanted parts of your image.



### The Clone & Pattern Tool

samples pixels from a specified area and applies them to whatever area is then clicked with the mouse.



### The Blur Tool lets you

apply a blur to part or all of your image. You can also sharpen and smudge.



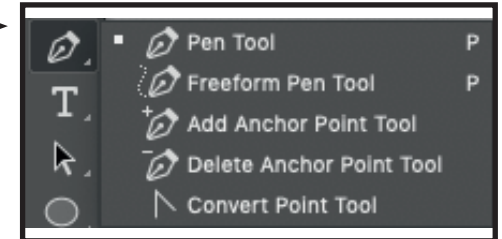
### The Dodge and burn Tools

applies shadows and highlights to your image. If you're from a traditional photography background, you may recognise these terms.



### The Pen Tool

is used for creating vector paths. A Path is usually used in Photoshop to make precise shape around part of an image. This is often done when you want to separate an image from its background.



### The Type Tool

is for creating text. You can create vertical type, as well as creating text to use as a mask.

