Selection Tools

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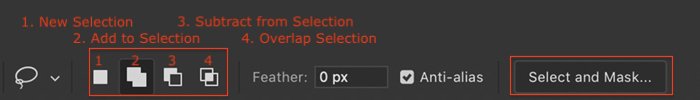
**Exploring Selection Tools in Photoshop**

Many of the selection tools in Photoshop are on the toolbar nested with similar tools.

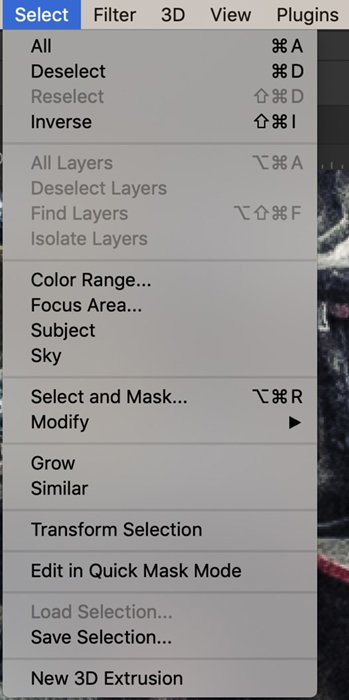


When you choose a selection tool, more options appear across the top of the workspace. Options often include a set of icons describing how new selections will interact with existing ones. The first, a square, draws a new selection each time. The second, overlapping squares, adds to previous selections. The third, a filled and an empty square, subtracts the new selection from the previous. You can also subtract by holding the option key and making a new selection. The fourth, overlapping squares, keeps only the area shared by the new and previous selections.

Options also include settings for thickening or feathering of the border. Clicking the anti-aliasing box smooths the edges. The Select and Mask button will create a [masking](https://expertphotography.com/photoshop-masking-guide/) layer using your selection **(Option + Ctrl or ⌘R)**.



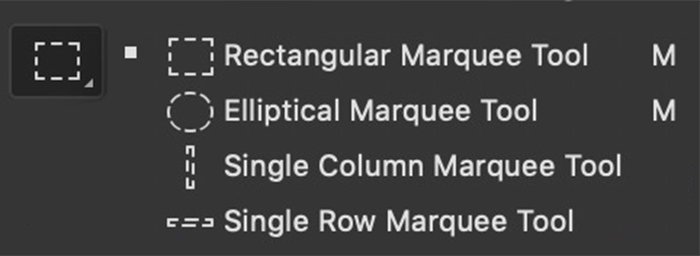
Photoshop also has a Select drop-down menu. Some of the choices are selection tools. Others modify selection tools found in the toolbar. Select All is a useful tool **(Ctrl or ⌘A)**, as is the Deselect command **(Shift + Ctrl or ⌘D)**.



In Photoshop, a selected area is bordered by ‘marching ants’. This is a dashed line that appears to move. By default, the selected area is within the line of marching ants. But you have the option to invert it. Go to the Select drop-down menu and choose **Select > Inverse** **(Shift + Ctrl or ⌘I)**. This selects everything outside the marching ants. It can be a bit confusing because since it does not look like anything changed. The marching ants are in the same place.

## 1. Marquee Tools

The Marquee tools let you drag a shape over an area to select it. You can choose a rectangular marquee tool, an elliptical marquee tool, or two single line shapes. Choose the marquee you want to use, click on your image and drag the shape to size. The selection appears when you release it. Hold the Shift key when dragging to create a square or a circle. By default, you drag the shape from a corner. Hold the Alt or Option key to create a shape starting in the center.



In the options bar, you can change the style from Normal to Fixed Ratio. This creates a square or a circle. You can also choose a pre-defined size for the selection.

## 2. Lasso

The Lasso tool lets you draw freely around the object you want to select. The tool is not very precise. Use it when you want to make a rough selection.



## 3. Polygonal Lasso

The Polygonal Lasso selects shapes that consist of straight lines. These can be more complicated shapes than just squares or rectangles. Click and drag along one edge of a shape to create a line. To turn a corner, click once. The tool freezes the line at that point and lets you change direction. Next, hold the Shift key while dragging to make a horizontal or vertical line. The selection shape completes when you return to where you started or double click.

## 4. Magnetic Lasso

The Magnetic Lasso tool works like the Lasso. First, draw around the object that you want to select. As you draw, the line is drawn to edges, like a magnet, to make a more precise selection. This tool works well when you are an object with a lot of curves.

Click one edge of the object that you want to select. Then, drag the line around the shape. Pins appear where the tool has locked onto an edge. The selection shape completes when you click on where you started or double click.

The Magnetic tool is really a circle. It is easier to see this if you turn on Caps Lock. Photoshop looks inside the circle for an edge. Making the Width larger in the options bar makes the circle bigger. You can also adjust the contrast to make it easier for the program to find an edge. Frequency is the number of pins placed around the edge. Change this if you want to see more or fewer pins. But you can click to add a pin at any point along the line.

Screenshot Photoshop magnetic lasso options bar

## 5. Object Selection

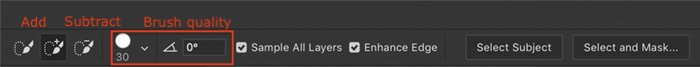
Adobe introduced Object Selection in the 2019 version of Photoshop. At first, it seems to work like the Marquee tool. First, draw a rectangle or lasso around the object that you want to select. Next, Photoshop analyses the contents of the shape to find an object within. The program then refines the selection around the subject.



**6. Quick Selection**

The [Quick Selection tool](https://expertphotography.com/photoshop-quick-selection-tool/) is a fast way of selecting a well-defined object. Click inside the object you want to select. Photoshop scans for colors and edges and expands the selection to include similar pixels. Add to the selection by clicking on another area of the object. Or drag the cursor, painting in the selection.

The Quick Selection tool works like a brush tool. You can change the size, hardness, spacing, and angle of the brush stroke. Click the + icon to add to the selection. Click the – sign or hold the option key to erase parts of the selection.



**7. Magic Wand**

Use the [Magic Wand tool](https://expertphotography.com/magic-wand-tool/) to select colors. Click on any color in your image, and the program highlights all areas containing this color. Tolerance in the options bar changes how precise the color selection is.

Photoshop screenshot magic wand options barThe Option bar for Magic Wand tool showing Tolerance setting and Contiguous box

At a low Tolerance, color selection is precise. At a higher tolerance, the program selects colors like the one you picked. You can click on a second color to expand the selection. Hold the option key and click on a color to erase it from the selection.

If the Contiguous box unticked, colors throughout the frame are selected. Ticking the Contiguous box limits the selection to colors near the one chosen.

## 8. Select Color Range

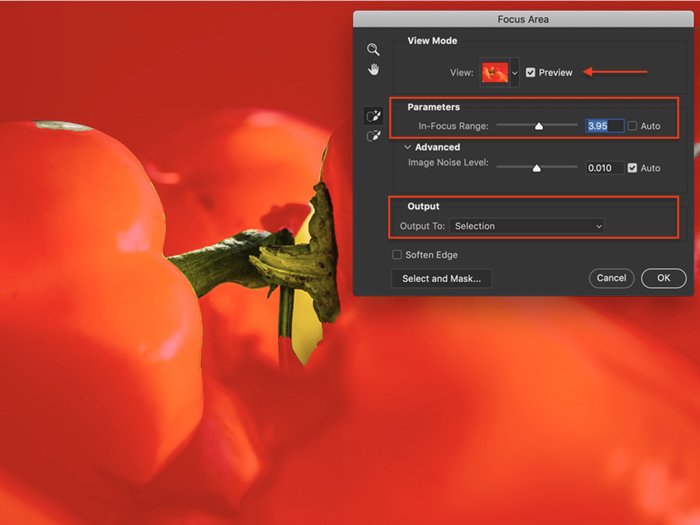
Color Range selection can work like the Magic Wand tool. Select your entire image **(Ctrl or ⌘A)** and choose Color Range from the Select drop-down menu **Select > Select Color Range**. A new window opens. Select Sampled Colors from the drop-down menu and click on a color in your image. At higher levels of Fuzziness, similar colors are selected. You can also choose families of colors, like reds, from the drop-down menu. A thumbnail shows you a preview. White areas are selected. Grey areas are partially selected.

This tool can also select skin tones. Click both the Localized Color Clusters and the Detect Faces box. Then choose skin tones from the drop-down menu.

You can also select highlights, mid-tones, or shadows. Copy and paste selections onto a new layer to create simple luminosity masks. Then, apply separate layer adjustments to each tonality.

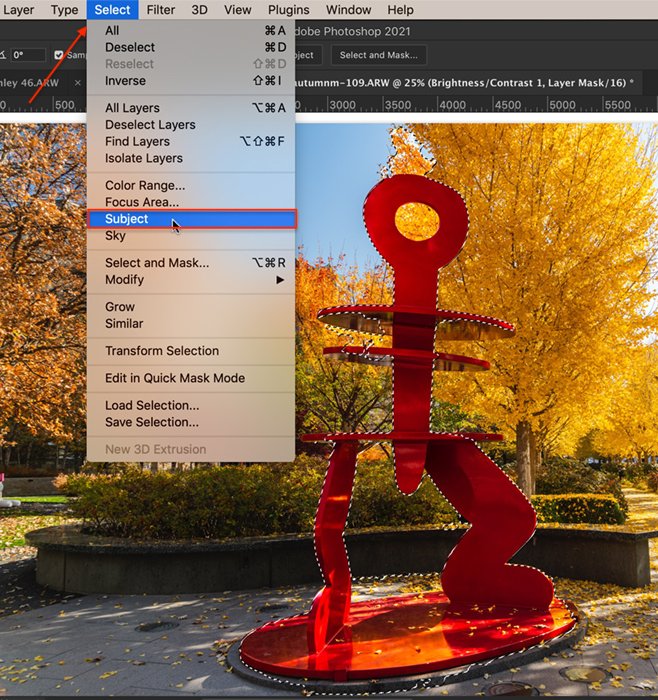
**9. Select Focus Area**

To select in-focus areas of your image, go to **Select > Focus Area**.  In the window that opens, you can adjust the focus range. Move the In-Focus Range slider to relax focus parameters or select a more precise focus. You can change the preview mode and how you want to output the selection.



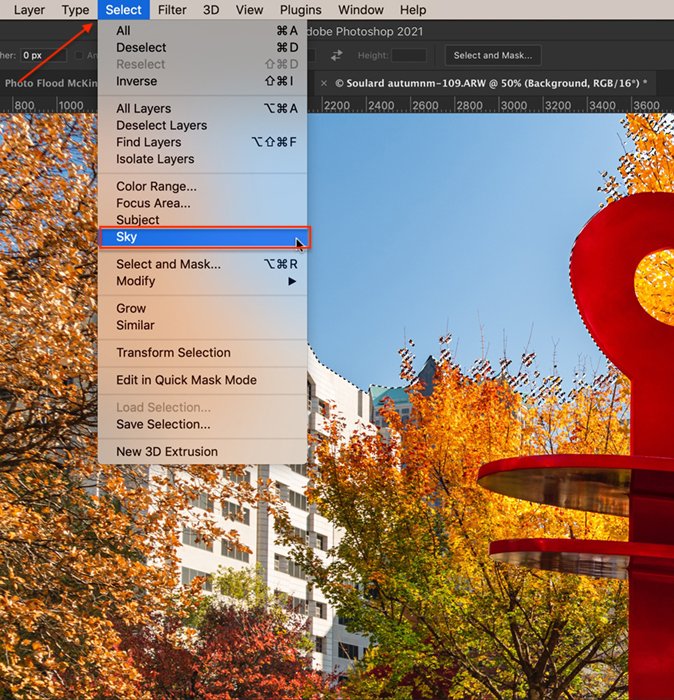
**10. Select Subject**

The Select Subject tool is like the Object Selection tool. But it is easier to use. Choose the Select drop-down menu and click **Select > Subject**. Photoshop scans your image and selects likely subjects. Refine the selection using another tool.



## 11. Select Sky

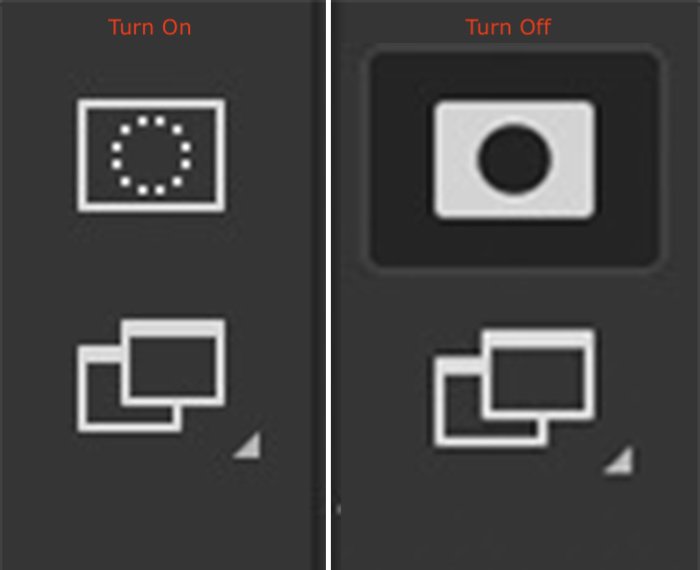
Before Adobe added a Sky searchment tool to Photoshop 2021, you had to mask skies manually. This selection tool helped make the job easier. Open the Select drop-down menu and choose **Select > Sky**. Photoshop identifies the sky, even if there are interferences, like leafy trees.



## 12. Paintbrush in Quick Mask Mode

If you prefer to use the paintbrush tool to make selections, use the Quick Mask mode. Click the icon found at the bottom of the toolbar or the Q hotkey. You can also open a Quick Mask by going to the Select drop-down menu and choosing **Select > Edit in Quick Mask**.

With a paintbrush, mask areas you do not want to be selected. You can change the size and softness of the brush and opacity and flow—the mask shows as a red overlay. If you make a mistake, toggle the paintbrush to white to erase the overlay.



Double click the mask icon to switch colors and opacity. You can also choose to have the mask show the selected areas rather than the unselected areas. Click the icon or Q again to see the selected area bordered by marching ants.

