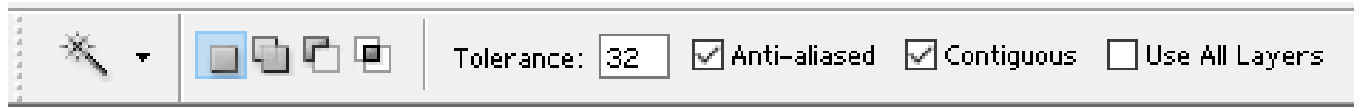


Selection Tools in Adobe Photoshop cont'd

Magic Wand Tool 

The Magic Wand Tool selects a consistently colored area. Unlike various other selection tools that select pixels in a photo based upon shapes or by detecting object edges, the Magic Wand chooses pixels based upon tone as well as color. When you click an area in a picture with the magic wand tool, all the area having a comparable(matching) color are selected. You could define numerous options to determine the exact selection.



Options bar of the Magic Wand tool

- Tolerance specifies the tools sensitivity. The higher is the value, the wider areas are chosen i.e. the more colors will fall into the selected area. The Tolerance value ranges from 0 to 255. At Tolerance equal to 0 the selected area will be represented only by one color, at Tolerance equal to 255 - all colors of the image will be selected, that is the whole image.
- Contiguous pressures selecting similar colors only in the surrounding areas. It is set by default
- Anti-aliased softens the selection edges. It is set by default
- Use All Layers makes the Magic Wand to select similarly colored locations in all visible layers

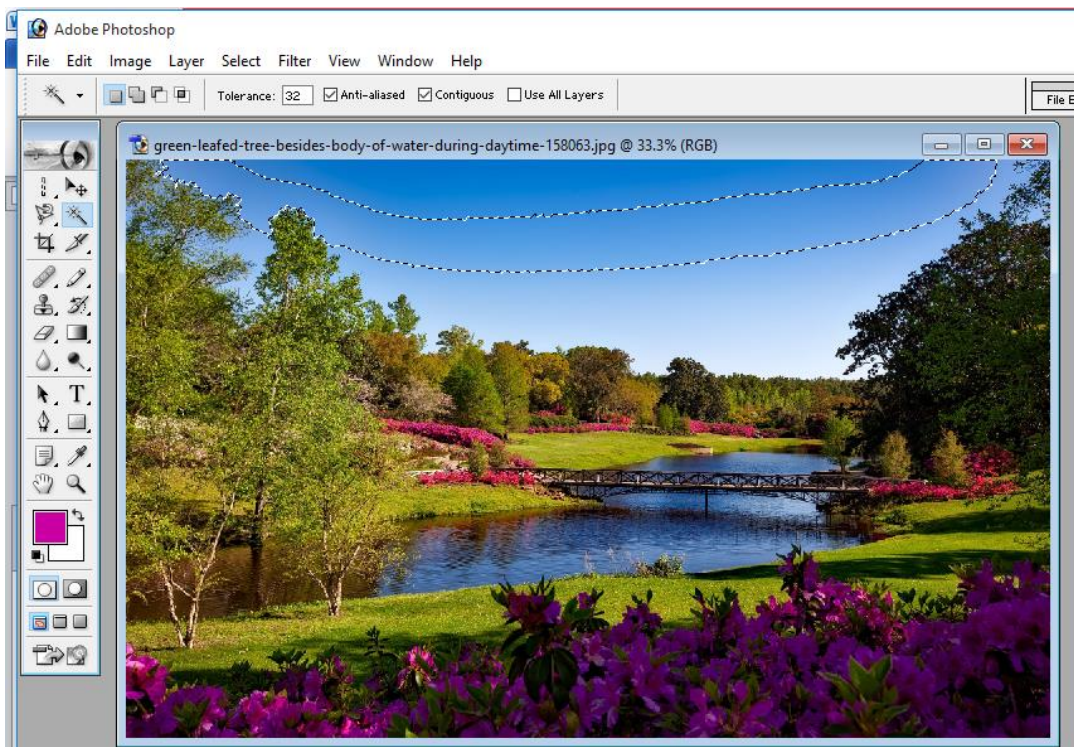
Steps to select a consistently colored area:

**Step 1-** Select the Magic Wand tool in the Toolbox by clicking the icon .

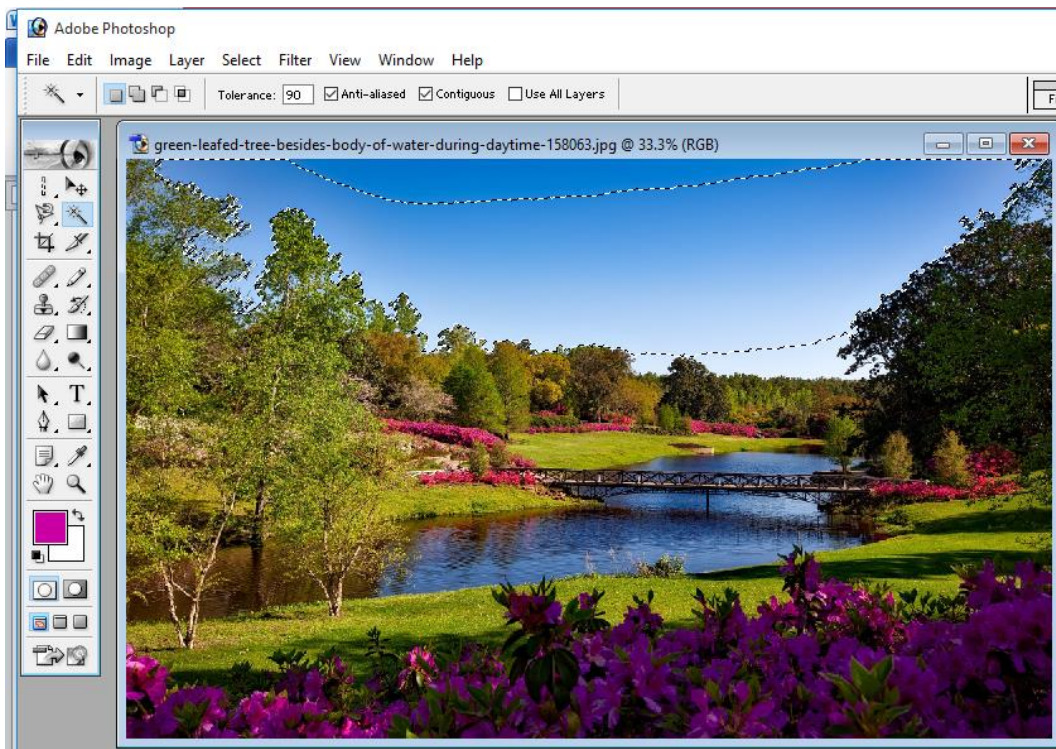
**Step 2-** Bring the cursor to the pixel of the image you wish to be selected and must be included into the selection and left-click it. Once clicked, an outline appears around the

pixel. It includes colors of the image similar to the color of the selected pixel according to the specified Tolerance value.

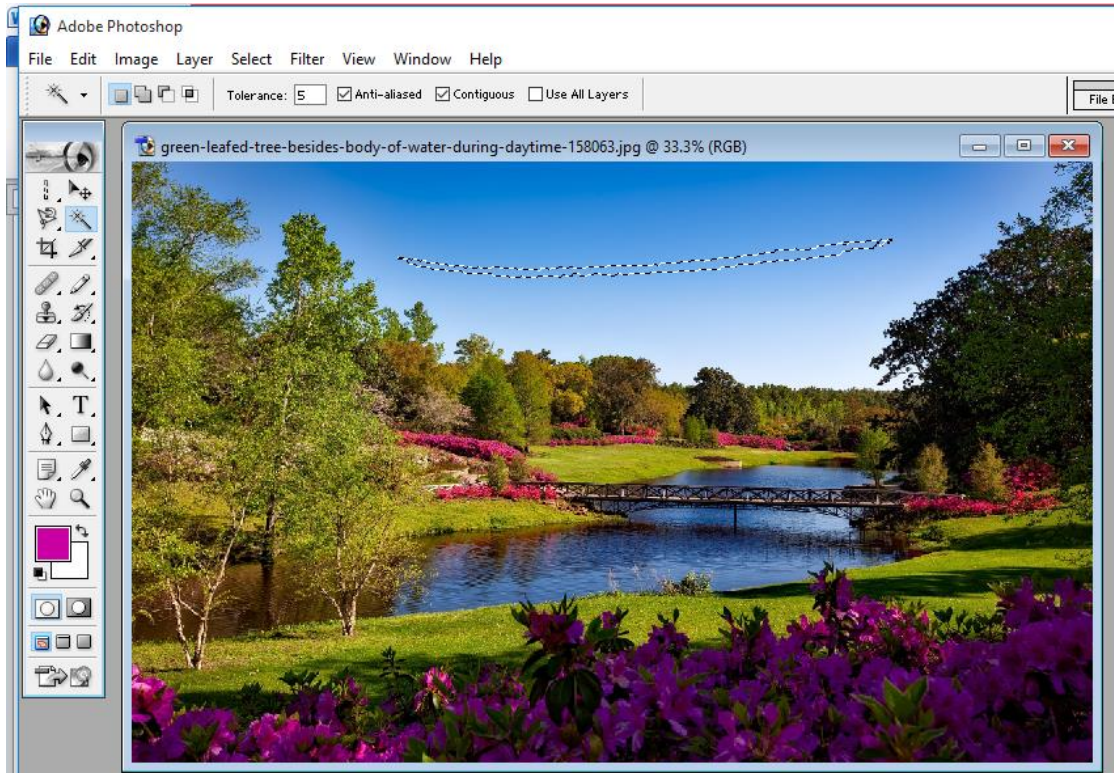
➤ **Selection with default Tolerance (here 32)**



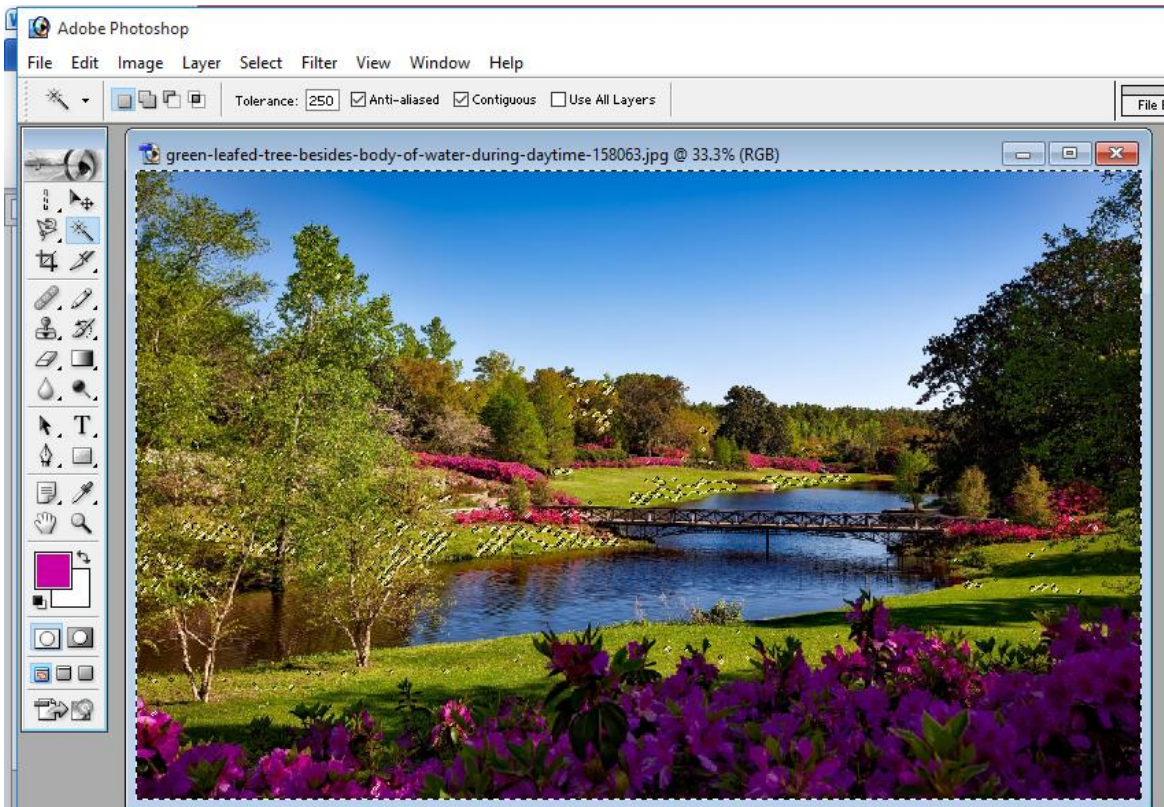
➤ **Selection with Tolerance set as 90, a large part is selected.**



- **Selection with Tolerance set as 5, very less part is selected.**

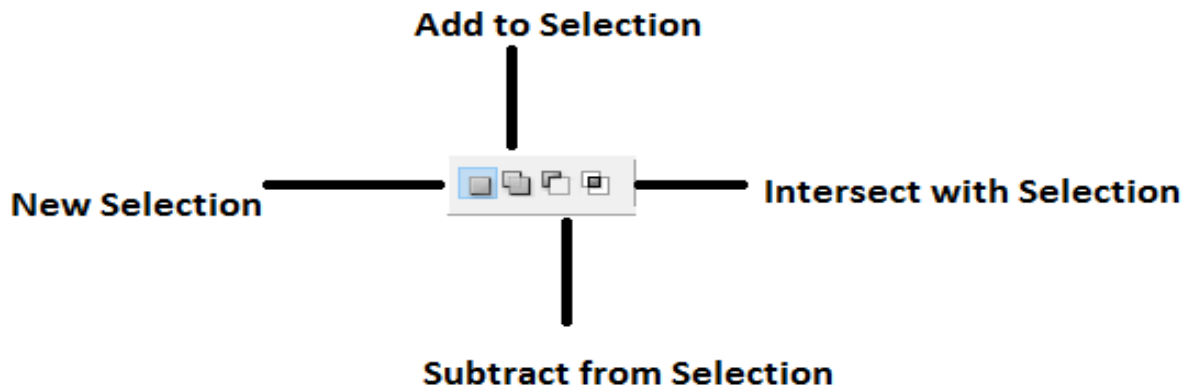






- **Selection with Tolerance set as 250, almost whole image is selected.**



## Option Bar options(operating Modes) common to Selection Tools

All the selection tools are efficient due to the flexibility of their usage: **add to**, **subtract from** or **intersect a selection**, apart from **New Selection** (default) from the Option bar just below the main menu.



1. If “**New selection**”  operating mode setting is selected on the Options bar, you delete the existing selection by making a brand-new selection.
2. To include an area to the existing selection, select the **Add to selection**  option on the Options bar or Press **Shift** key while clicking.
3. To subtract a location from the existing selection, choose **Subtract from selection**  option on the Options bar or to press **Alt** key while clicking.
4. To intersect a new selection with the existing selection, choose the **Intersect with selection**  option on the Options bar or press **Shift+Alt** keys while picking.
5. If the New selection option is picked and the arrow is within the picked area and selection can be moved (i.e. only boundaries of the selected location not content).
6. You could also relocate the selection (only boundaries) using the cursor keys of the keyboard.

### Assignment

1. What are the features of the Magic Wand tools?
2. How tolerance impacts the selection of Magic Wand Tool?