

# SVG

**SVG stands for Scalable Vector Graphics. SVG is used to define vector-based graphics for the Web.**

For this tutorial, we're gonna be seeing three very useful tags for anyone who wants to get started with SVG.

## Rectangle

The tag <rect> is used for creating rectangles and variations of a rectangle shape.

```
<svg width="400" height="110">
  <rect width="300" height="100"
    style="fill: ■ rgb(0,0,255);stroke-width:3;stroke: ■ rgb(0,0,0)">
</svg>
```

If you want to learn more, you can go [here](#).

## Circle

The tag <circle> (like the name says) is used to create circles.

```
<svg height="100" width="100">
  <circle cx="50" cy="50" r="40" stroke="black" stroke-width="3" fill="red">
</svg>
```

If you want to learn more, you can go [here](#).

## Ellipses

The <ellipse> element is used to create an ellipse. An ellipse is closely related to a circle. The difference is that an ellipse has an x and a y radius that differs from each other, while a circle has equal x and y radius.

```
<svg height="140" width="500">
  <ellipse cx="200" cy="80" rx="100" ry="50"
    style="fill: ■ yellow;stroke: ■ purple;stroke-width:2">
</svg>
```

If you want to learn more, you can go [here](#).