

# SVG - RECT

[http://www.tutorialspoint.com/svg/svg\\_rect.htm](http://www.tutorialspoint.com/svg/svg_rect.htm)

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`<rect>` element is used to draw rectangle which is axis aligned with the current user co-ordinate system.

## Declaration

Following is the syntax declaration of `<rect>` element. We've shown main attributes only.

```
<rect
  x="x-axis co-ordinate"
  y="y-axis co-ordinate"

  width="length"
  height="length"

  rx="length"
  ry="length"

  style="style information"
  >
</rect>
```

## Attributes

Sr.No.	Name&Description
1	<b>x</b> – x-axis co-ordinate of top left of the rectangle. Default is 0.
2	<b>y</b> – y-axis co-ordinate of top left of the rectangle. Default is 0.
3	<b>width</b> – width of the rectangle.
4	<b>height</b> – height of the rectangle.
5	<b>rx</b> – used to round the corner of the rounded rectangle.
6	<b>ry</b> – used to round the corner of the rounded rectangle.
7	<b>style</b> – used to specify inline styles.
8	<b>class</b> – used to specify external style name to the element.

## Example

*testSVG.htm*

```
<html>
  <title>SVG Rectangle</title>
  <body>

    <h1>Sample SVG Rectangle Image</h1>

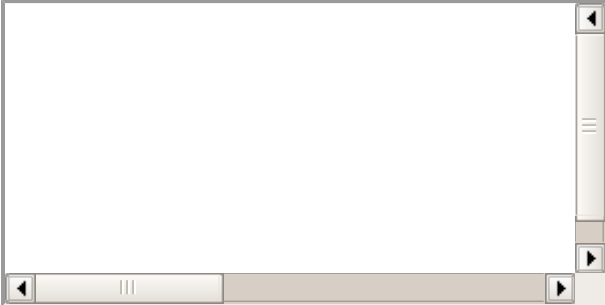
    <svg width="800" height="800">
      <g>
        <text x="0" y="15" fill="black" >
          Rectangle #1: Without opacity.</text>

          <rect x="100" y="30" width="300" height="100"
            style="fill:rgb(121,0,121);stroke-width:3;stroke:rgb(0,0,0)"></rect>
        </g>
      </svg>
```

```
</svg>
</body>
</html>
```

## Output

Open textSVG.htm in Chrome web browser. You can use Chrome/Firefox/Opera to view SVG image directly without any plugin. Internet Explorer 9 and higher also supports SVG image rendering.



## Rectangle with opacity

```
<html>
<title>SVG Rectangle</title>
<body>

<h1>Sample SVG Rectangle Image</h1>

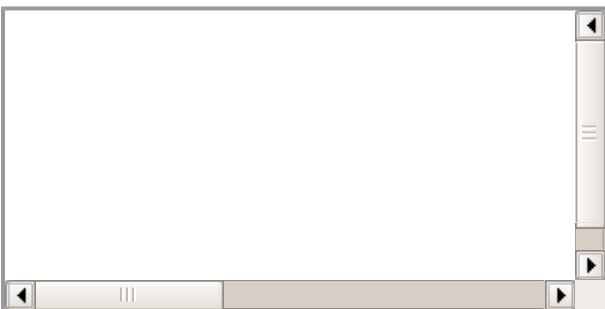
<svg width="800" height="800">
  <g>
    <text x="0" y="15" fill="black" >
      Rectangle #2: With opacity </text>

    <rect x="100" y="30" width="300" height="100"
      style="fill:rgb(121,0,121);stroke-width:3;stroke:rgb(0,0,0);
      stroke-opacity:0.5;opacity:0.5"> </rect>
  </g>
</svg>

</body>
</html>
```

## Output

Open textSVG.htm in Chrome web browser. You can use Chrome/Firefox/Opera to view SVG image directly without any plugin. Internet Explorer 9 and higher also supports SVG image rendering.



## Rectangle #3: With Rounded Corner

```
<html>
<title>SVG Rectangle</title>
<body>

<h1>Sample SVG Rectangle Image</h1>
```

```
<svg width="570" height="200">
  <g>
    <text x="0" y="15" fill="black" >
      Rectangle #3: With Rounded Corner </text>

    <rect x="100" y="100" rx="10" ry="10" width="300" height="100"
      style="fill:rgb(121,0,121);stroke-width:3;stroke:rgb(0,0,0);"></rect>
    </g>
  </svg>

</body>
</html>
```

## Output

Open textSVG.htm in Chrome web browser. You can use Chrome/Firefox/Opera to view SVG image directly without any plugin. Internet Explorer 9 and higher also supports SVG image rendering.

