

SVG - STROKE

http://www.tutorialspoint.com/svg/svg_stroke.htm

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SVG supports multiple stroke properties.

Following are the main stroke properties used.

Sr.No. Stroke Type & Description

- 1 **stroke** – defines color of text, line or outline of any element.
- 2 **stroke-width** – defines thickness of text, line or outline of any element.
- 3 **stroke-linecap** – defines different types of ending of a line or outline of any path.
- 4 **stroke-dasharray** – used to create dashed lines.

Example

testSVG.htm

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

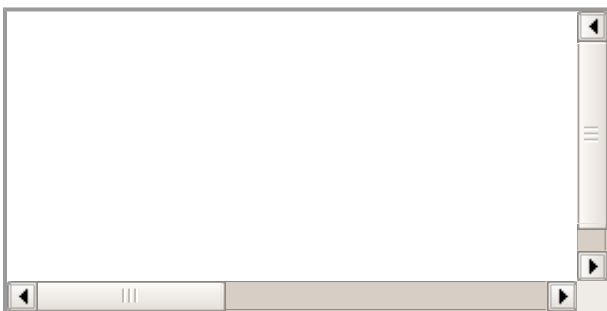
    <h1>Sample SVG Stroke</h1>

    <svg width="800" height="800">
      <g>
        <text x="30" y="30" >Using stroke: </text>
        <path stroke="red" d="M 50 50 L 300 50" />
        <path stroke="green" d="M 50 70 L 300 70" />
        <path stroke="blue" d="M 50 90 L 300 90" />
      </g>
    </svg>

  </body>
</html>
```

Output

Open testSVG.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.



Stroke width

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

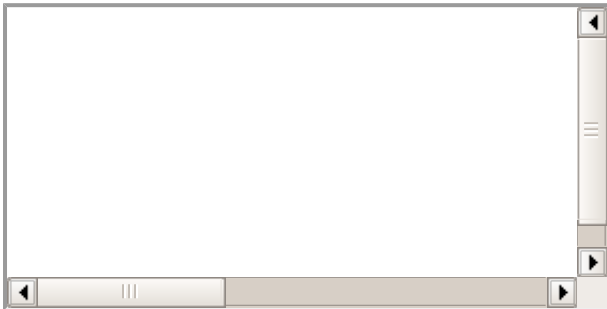
```
<h1>Sample SVG Stroke</h1>

<svg width="800" height="800">
  <text x="30" y="10" >Using stroke-width: </text>
  <path stroke-width="2" stroke="black" d="M 50 50 L 300 50" />
  <path stroke-width="4" stroke="black" d="M 50 70 L 300 70" />
  <path stroke-width="6" stroke="black" d="M 50 90 L 300 90" />
</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.



stroke-linecap

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

    <h1>Sample SVG Stroke</h1>

    <svg width="800" height="800">
      <g>
        <text x="30" y="30" >Using stroke-linecap: </text>

        <path stroke-linecap="butt" stroke-width="6"
          stroke="black" d="M 50 50 L 300 50" />

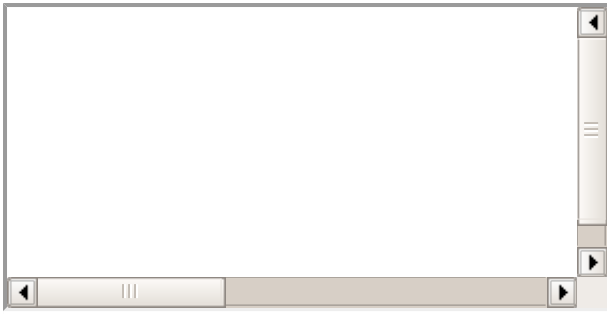
        <path stroke-linecap="round" stroke-width="6"
          stroke="black" d="M 50 70 L 300 70" />

        <path stroke-linecap="square" stroke-width="6"
          stroke="black" d="M 50 90 L 300 90" />
      </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.



stroke-dasharray

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

    <h1>Sample SVG Stroke</h1>

    <svg width="800" height="800">
      <g>
        <text x="30" y="30" >Using stroke-dasharray: </text>

        <path stroke-dasharray="5,5" stroke-width="6"
          stroke="black" d="M 50 50 L 300 50" />

        <path stroke-dasharray="10,10" stroke-width="6"
          stroke="black" d="M 50 70 L 300 70" />

        <path stroke-dasharray="20,10,5,5,5,10" stroke-width="6"
          stroke="black" d="M 50 90 L 300 90" />
      </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.

