

# SVG - POLYGON

[http://www.tutorialspoint.com/svg/svg\\_polygon.htm](http://www.tutorialspoint.com/svg/svg_polygon.htm)

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<polygon> element is used to draw a closed shape consisting of connected straight lines.

## Declaration

Following is the syntax declaration of <polyg**on**> element. We've shown main attributes only.

```
<polygon
  points="list of points" >
</polygon>
```

## Attributes

Sr.No.	Name&Description
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1	<b>points</b> – List of points to make up a polygon.
---	--

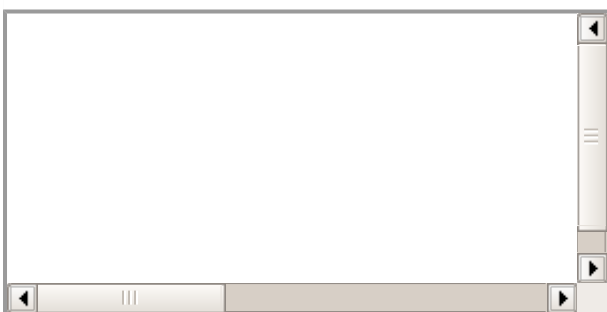
## Example

testSVG.htm

```
<html>
  <title>SVG Polygon</title>
  <body>
    <h1>Sample SVG Polygon Image</h1>
    <svg width="800" height="800">
      <g>
        <text x="0" y="15" fill="black" >Polygon #1: Without opacity.</text>
        <polygon points="150,75 258,137.5 258,262.5 150,325 42,262.6 42,137.5"
          stroke="black" stroke-width="3" fill="rgb(121,0,121)"></polygon>
      </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.



## Polygon with opacity

```
<html>
```

```
<title>SVG Polygon</title>
<body>
  <h1>Sample SVG Polygon Image</h1>

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

      <polygon points="150,75 258,137.5 258,262.5 150,325 42,262.6 42,137.5"
        style="fill:rgb(121,0,121);stroke-width:3;
        stroke:rgb(0,0,0);stroke-opacity:0.5;opacity:0.5"></polygon>
    </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.

