

Help sheet SVG

Code de base

```
<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE svg PUBLIC "-//W3C//DTD SVG 1.1//EN" "http://www.w3.org/Graphics/SVG/1.1/DTD/svg11.dtd">
<svg xmlns="http://www.w3.org/2000/svg" width="800" height="600"><svg>
```

Les primitives



```
<svg width="200" height="200" viewBox="0 0 200 200">
  <line x1="20" y1="20" x2="180" y2="180" stroke="orange" stroke-width="5"/>
</svg>
```



```
<svg width="200" height="200" viewBox="0 0 200 200">
  <rect x="20" y="20" width="160" height="160" fill="red" />
</svg>
```



```
<svg width="200" height="200" viewBox="0 0 200 200">
  <circle cx="100" cy="100" width="160" r="80" fill="red" />
</svg>
```



```
<svg width="200" height="200" viewBox="0 0 200 200">
  <text x="50%" y="100" font-size="30" text-anchor="middle" fill="#000000">Un texte</text>
</svg>
```



```
<svg width="200" height="200" viewBox="0 0 200 200">
  <polyline points="20 20 20 180 180 180 180 20" stroke="orange" stroke-width="5"/>
</svg>
```



```
<svg width="200" height="200" viewBox="0 0 200 200">
  <polygon points="20 20 20 40 40 40 40 180 60 180 60 40 80 40 80 20" stroke="green" stroke-width="5"/>
</svg>
```

Path



```
<svg width="200" height="200" viewBox="0 0 200 200">
  <path d="M20 20 H180 V180 H20 V20" fill="red"/>
</svg>
```



```
<svg width="200" height="200" viewBox="0 0 200 200">
  <path d="M20 20 v 160 h160 v-160 Z" stroke="green" fill="#ffc0"/>
</svg>
```



```
<svg width="200" height="200" viewBox="0 0 200 200">
  <path d="M10 10 C20 80, 80 80, 90 10" stroke="black" fill="transparent"/>
</svg>
```



```
<svg width="200" height="200" viewBox="0 0 200 200">
  <path d="M10 50 C 20 80, 40 80, 50 50 S80 20,90 50" stroke="black" fill="transparent"/>
</svg>
```



```
<svg width="200" height="200" viewBox="0 0 200 200">
  <path d="M10 50 Q 50 10 90 50" stroke="black" fill="transparent"/>
</svg>
```



```
<svg width="200" height="200" viewBox="0 0 200 200">
  <path d="M10 80 Q 52.5 10 95 80 T 180 80" stroke="black" fill="transparent"/>
</svg>
```

Styles et groupes



```
<svg width="200" height="200" viewBox="0 0 200 200">
  <defs>
    <style type="text/css">
      .rr { stroke: yellow; fill: red; }
    </style>
  </defs>
  <path d="M10 80 Q 52.5 10 95 80 T 180 80" stroke="black" class="rr"/>
</svg>
```



```
<svg width="200" height="200" viewBox="0 0 200 200">
  <defs>
    <g id="groupe">
      <line x1="0" y1="0" x2="160" y2="0" stroke-width="5"/>
      <line x1="0" y1="20" x2="160" y2="20" stroke-width="5"/>
      <line x1="0" y1="40" x2="160" y2="40" stroke-width="5"/>
    </g>
    <style type="text/css">
      .blue { stroke:blue; }
      .red { stroke:red; }
    </style>
  </defs>
  <use x="20" y="20" href="#groupe" class="red" />
  <use x="20" y="80" href="#groupe" class="blue" />
  <use X="20" Y="-180" href="#groupe" transform="rotate(90)" class="red" />
  <use X="20" Y="-120" href="#groupe" transform="rotate(90)" class="blue" />
</svg>
```