



Interesting effects using feMorphology

With Images

```
<svg width="600" height="400" viewBox="0 0 700 500">
  <title>Eroded image</title>
  <filter id="myFilter">
    <feMorphology operator="erode" radius="4"></feMorphology>
  </filter>

  <image xlink:href="path/to/IMG_0168.JPG"
    x="0" y="0"
    width="100%" height="100%"
    filter="url(#myFilter)"></image>
</svg>
```

```
<svg width="600" height="400" viewBox="0 0 700 500">
  <title>Dilated Image</title>
  <filter id="myFilter2">
    <feMorphology operator="dilate" radius="4"></feMorphology>
  </filter>

  <image xlink:href="path/to/IMG_0168.JPG"
    x="0" y="0"
    width="100%" height="100%"
    filter="url(#myFilter2)"></image>
</svg>
```

With Text

```
<svg width="1200" height="200" viewBox="100 0 1200 200">
  <filter id="outline">
```

```

<style><filter id="outline">
  @font-face {
    font-family: "Marvin";
    "Marvin" url("MarvinVisionsBig-Bold.woff") format("woff");
  }

  te"woff"text {
    font-family: Marvin;
  }
</style>
  <feMorphology    in="SourceAlpha"
                    result="dilated"
                    operator="dilate"
                    radius="7"></feMorphology>

  <feFlood    flood-color="rebeccapurple"
               flood-opacity="1"
               result="purple"></feFlood>

  <feComposite    in="purple"
                  in2="dilated"
                  operator="in"
                  result="outline"></feComposite>

  <feMerge>
    <feMergeNode in="outline" />
    <feMergeNode in="SourceGraphic" />
  </feMerge>
</filter>

<text font-size="120px"
      dx="125" dy="125"
      font-weight="900"
      filter="url(#outline)"
      fill="lightblue">upgrade yourself</text>
</svg>

```

Using SVG filters with HTML elements

```
<svg width="1" height="1" viewBox="0 0 900 450">
  <filter id="myFilter">
    <feMorphology operator="dilate" radius="8"
      in="SourceGraphic" result="THICKNESS" />
    <feComposite operator="out"
      in="THICKNESS"
      in2="SourceGraphic" />
  </filter>
</svg>
```

```
<h1>SVG Rocks in HTML too!</h1>
```

```
@import
  url('https://fonts.googleapis.com/css?family=Bangers');

h1 {
  font-family: 'Bangers', cursive;
  -webkit-filter: 'Bangers'url(#myFilter);
  filter: url(#myFilter);
  color: deepPink;
  font-size: 7em;
  margin: 2vw;
}
```