



If you enjoy your learning, you may consider my [inexpensive ebooks](#) as an ongoing reference.

Basic HTML/CSS Template

```
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet"
      href="https://fonts.googleapis.com/css?family=Pacifico">

    <style>

  </style>
</head>

<body>

</body>
</html>
```

Inline CSS

```
<h1 style="color:red; font-style:italic; font-weight:100;">  
Red Heading Typography  
</h1>
```

Basic CSS Syntax

// Note- this example isn't actual CSS code, just an illustration of the basic syntax structure:

```
s    {  
    property : value;  
    property: value;  
    }
```

Internal CSS

Code #1

```
<style>  
  h2 {  
    text-align: center;  
    font-family: cursive;  
    color: orange;  
  }  
</style>  
  
<h2>  
  Hi, I've been styled.  
</h2>
```

Code #2

```
<head>  
  <style>  
    h1 {  
      color: red;  
      font-style: italic;
```

```
        font-weight: 100;
    }
</style>
</head>
<h1>Red Heading Typography</h1>
```

External CSS

```
<html>
  <head>
    <link rel="stylesheet" href="css.css" type="text/css">
  </head>
  <body>
  </body>
</html>
```

Class and ID Syntax

```
s.class    {
    property : value;
    property: value;
}

s#id {
    property : value;
    property: value;
}
```

Parent Child Inheritance

```
<head>
  <style>
    body {
      color: red;
      font-style: italic;
      font-weight: 100;
    }

    ol {
      color: blue;
      font-style: italic;
      font-weight: 100;
```

```
    }

    </style>
</head>

<body>
  <h2>I'm red, too!</h2>
  <ol>
    <li>I'm blue, too!</li>
    <li>I'm blue, too!</li>
    <li>I'm blue, too!</li>
  </ol>
</body>
```

Targeting Multiple Elements with the Same Declarations

```
<style>
  h1, h2, h3, h4 {
    color: green;
    font-weight: 800;
    font-family: sans-serif;
  }
</style>

<h2>
  I have a style in common with other headers.
</h2>
<h3>
  Me too.
</h3>
<h4>
  Me three.
</h4>
```

Targeting Descendant Selectors

```
<style>
  ol li em {
    color: red;
    font-weight: bold;
    font-family: cursive;
  }
</style>
```

```
<ol>
  <li>No Emphasis, No Style</li>
  <li>No Emphasis, No Style</li>
  <li><em>Have Emphasis, Have Style!</em></li>
</ol>
```

Breaking Ties

```
p {font-weight: 200}
p {font-weight: 800}
p {font-weight: 400}
```

Direct Child Selector

Code #1

```
<style>
  article>h2 {
    color: red;
    font-weight: bold;
    font-family: cursive;
  }
</style>

<article>
  <h2>
    Styled heading.
  </h2>
  <p>
    Text of the first article section.
  </p>
  <section>
    <h2>
      Not styled heading but same heading number.
    </h2>
  </section>
</article>
```

Code #2

```
<style>
  article h2 {
```

```

        color: red;
        font-weight: bold;
        font-family: cursive;
    }
</style>

<article>
  <h2>
    Styled heading.
  </h2>
  <p>
    Text of the first article section.
  </p>
  <section>
    <h2>
      Not styled heading but same heading number.
    </h2>
  </section>
</article>

```

Targeting Elements by Attributes

Code #1

```

<style>
  p[lang="fr"] {
    color: blue;
    font-weight: bold;
    font-family: cursive;
  }
  p[lang="pl"] {
    color: red;
    font-weight: bold;
    font-family: cursive;
  }
</style>

<p lang="en">I am in English.</p>
<p lang="fr">Je suis en français.</p> <!--French -->
<p lang="pl">Jestem po polsku.</p>    <!-- Polish -->

```

Code #2

```

<style>

```

```

[disabled] {
background-color: #4CAF50; /* Green */
border: none;
color: white;
padding: 15px 32px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
}/style>

<button type= "submit">Chocolate</button><br><br>
<button type= "submit">Strawberry</button><br><br>
<button type= "submit">Vanilla</button><br><br>
<button type= "submit" disabled>Cherry</button><br><br>

```

Code #3

```

<style>
button[type] {
background-color: lightgreen;
}
button[disabled] {
background-color: red;
color: white;
}/style>

```

[attr |=value]

```

<style>
[lang|=en] {
color: BlueViolet;
font-size: 1.5em;
font-style: oblique;
}
</style>
<body>
<p lang="en-bs">English in the Bahamas</p>
<p lang="fr-bs">French in the Bahamas</p>
<p lang="es-bs">Spanish in the Bahamas</p>
<p lang="fr-009">French in Oceania</p>
<p lang="es">Spanish in Latin America</p>
<p lang="en">Just General English Anywhere</p>
</body>

```

[attr^=value]

```
<style>
  [itemprop^=english] {
    color: DeepSkyBlue;
    font-size: 1.5em;
    font-style: oblique;
  }
</style>
<body>
<p itemprop="english in bahamas">English in the Bahamas</p>
<p itemprop="english anywhere">Just General English</p>
<p itemprop="american english">American English</p>
<p itemprop="british english">British English</p>
<p itemprop="english on Mars">Martian English</p>
<p itemprop="English on Mars">Uh Oh Watch Your Capitalization</p>
</body>
```

Case Insensitive CSS Values

```
<style>
  [itemprop^=english i] {
    color: DeepSkyBlue;
    font-size: 1.5em;
    font-style: oblique;
  }
</style>
<p itemprop="english in bahamas">English in the Bahamas</p>
<p itemprop="english anywhere">Just General English</p>
<p itemprop="american english">American English</p>
<p itemprop="british english">British English</p>
<p itemprop="english on Mars" color="red">Martian English</p>
<p itemprop="English on Mars">Oh ok, who cares about capitalization,
  anyway?
</p>
```

[attr*=value]

```
<style>
  a[href*="amazon"] {
    color: red;
    font-size: 3em;
    font-style: oblique;
  }
</style>
```



```
</style>
```

```
<a href="amazinBooks.com">Books</a><br>
<a href="amazinElectronics.com">Electronics</a><br>
<a href="amazinFashion.com">Fashion</a><br><br>
<a href="baduBooks.com">Books</a><br>
<a href="baduElectronics.com">Electronics</a><br>
<a href="baduFashion.com">Fashion</a><br>
```

[attr~=value]

```
<style>
  [itemprop~=title] {
    color: red;
    font-size: 1.5em;
    font-style: oblique;
  }
</style>
<body>
  <p itemprop="company name">Comic Corporation</p>
  <p itemprop="series ambition">Heroes Inc. Expanded Universe</p>
  <p itemprop="book title">Heroes Inc. the Novel</p>
  <p itemprop="film title">Heroes Inc. the Movie</p>
  <p itemprop="film franchise">Heroes Inc. Never Ending Film Franchise</p>
  <p itemprop="game title">Heroes Inc. the Game</p>
</body>
```

[attr\$=value]

```
<style>
  a[href$=".com"] {
    color: red;
    font-size: 3em;
    font-style: oblique;
  }
</style>

<a href="amazin.com">Commercial Site</a><br>
<a href="amazin.usa">American Site</a><br>
<a href="amazin.ca">Canadian Site</a><br>
<a href="amazin.fr">French Site</a><br>
<a href="amazin.info">Investor Site</a><br>
<a href="amazin.foundation">Charitable Site</a><br>
```

General Sibling Connector

```
<style>
  h3~p {
    color: DeepSkyBlue;
    font-size: 1.5em;
    font-style: oblique;
  }
</style>
<article>
  <h3>Heading 3</h3>
  <em>It should be emphasized that these siblings, h3 and p, are not
  immediately adjacent to each other.</em>
  <p>A paragraph</p>
</article>
```

Adjacent Sibling Combinator

```
<style>
  h3+p {
    color: DeepSkyBlue;
    font-size: 1.5em;
    font-style: oblique;
    color: red;
    font-weight: bold;
    font-family: cursive;
  }
</style>
<article>
  <h3>Heading 3</h3>
  <em>It should be emphasized that these siblings, h3 and p, are not
  immediately adjacent to each other because an EM element is between
  them..</em>
  <p>A paragraph</p>
  <h3>Heading 3</h3>
  <p>But this P element IS the adjacent sibling of the H3 element
  above.</p>
</article>
```

Google Font API

```
<head>
  <link rel="stylesheet"
```

```
        href="https://fonts.googleapis.com/css?family=Pacifico">
<style>
  h4 {
    font-family: "Pacifico", cursive;
    font-size: 60px;
    font-weight: normal;
  }
</style>
</head>
<body>
  <h4>Big Sur is very Pacifico</h4>
</body>
```

all

```
<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Bahianita">
    <style>
      html {
        font-size: large;
        font-weight: 100;
        color: green;
        font-family: Bahianita;
      }
      #styleIsMe {
        background-color: red;
        color: aqua;
      }
      #inherit {
        background-color: red;
        color: aqua;
        all: inherit;
      }
      #unset {
        background-color: red;
        color: aqua;
        all: unset;
      }
      #initial {
        background-color: red;
        color: aqua;
        all: initial;
      }
      #revert {
        background-color: red;
```

```
        color: aqua;
        all: revert;
    }
</style>
</head>
<body>
    <div>I Totally Resemble My Parent</div><br>
    <div id="styleIsMe">I am Free Stylin' !</div><br>
    <div id="inherit">I am inherited.</div><br>
    <div id="unset">I am unsettled.</div><br>
    <div id="revert">I am reverted.</div><br>
    <div id="initial">I am initialized.</div><br>
</body>
</html>
```

background-attachment

```
<html>
<head>
    <style>
        body {
            background-image: url("http://mikeludo.com/imgs/abe.jpg");
            background-repeat: no-repeat;
            background-attachment: fixed;
        }

        div {
            height: 1000px;
        }

        h1 {
            color: white;
        }
    </style>
</head>
<body>
    <div>
        <h1>Honest Abe</h1>
    </div>
</body>
</html>
```

background-blend-mode

```
<html>
  <head>
    <style>
      div {
        height: 400px;
        width: 550px;
        background-image: url("http://mikeludo.com/imgs/still1.jpg"),
url("http://mikeludo.com/imgs/still2.jpg");
        background-blend-mode: screen;
      }
    </style>
  </head>
  <body>
    <div>
    </div>
  </body>
</html>
```

background-clip

```
<html>
  <head>
    <style>
      article {
        height: 300px;
        width: 300px;
        border: 2px dashed black;
        padding: 25px;
        background: coral;
        background-clip: content-box;
      }
    </style>
  </head>
  <body>
    <article>
    </article>
  </body>
</html>
```

background-color

```

<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Inder">
    <style>
      div#one {
        height: 250px;
        width: 300px;
        background-color: rgba(242, 46, 200, .75);
        background-image:
url('https://www.transparenttextures.com/patterns/argyle.png');
      }

      div#two {
        height: 25px;
        width: 175px;
        background-color: orange;
        font-family: Inder;
        text-align: center;
      }
    </style>
  </head>
  <body>
    <div id="one">
    </div>
    <div id="two">
      <p>Argyle In Any Color!</p>
    </div>
  </body>
</html>

```

background-image

```

<style>
  div {
    height: 400px;
    width: 400px;
    background-image: linear-gradient(to bottom, LightCoral, Magenta);
  }
</style>
<div></div>

```

background-origin

```

background-image: url('photograph'), url('background texture');
background-origin: content-box, padding-box;

```

background-position

Code #1

```
<html>
  <head>
    <style>
      div {
        height: 500px;
        width: 500px;
        background-image:
url('http://mikeludo.com/imgs/egyptianTile.jpg');
      }
    </style>
  </head>
  <body>
    <div>
    </div>
  </body>
</html>
```

Code #2

```
<html>
  <head>
    <style>
      div {
        height: 500px;
        width: 500px;
        border: black dashed 2px;
        background-image:
url('http://mikeludo.com/imgs/egyptianTile.jpg');
        background-position: center;
        background-repeat: no-repeat;
      }
    </style>
  </head>
  <body>
    <div>
    </div>
  </body>
</html>
```

background-repeat

```
<html>
  <head>
```

```

<style>
  div {
    height: 500px;
    width: 500px;
    border: black dashed 2px;
    background-image:
url('http://mikeludo.com/imgs/egyptianTile.jpg');
    background-repeat: space repeat;
  }
</style>
</head>
<body>
  <div>
  </div>
</body>
</html>

```

background-size

```

<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Great+Vibes">
    <style>
      div {
        height: 200px;
        width: 500px;
        border: black dashed 2px;
        background-image: url('http://mikeludo.com/imgs/seurat.jpg');
        background-size: cover;
        background-position: center;
      }

      h1 {
        font-family: Great Vibes;
        color: black;
        font-style: bold;
      }
    </style>
  </head>
  <body>
    <div><br><br><br><br><br><br><br>
      <h1>Impressionism</h1>
    </div>
  </body>
</html>

```

border

Code #1

```
<style>
  div {
    height: 100px;
    width: 300px;
    border-style: dashed;
    border-width: thick thin 20px thin;
  }
</style>
```

Code #2

```
<style>
  div {
    height: 100px;
    width: 400px;
    border-color: magenta;
    border-width: 40px;
    border-style: dashed;
  }
</style>
<div></div>
```

Code #3

```
<style>
  div {
    height: 200px;
    width: 400px;
    border-color: magenta cyan tomato chartreuse;
    border-width: 40px;
    border-style: dashed double dotted ridge;
  }
</style>
<div></div>
```

More Border Shorthands

```
<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Barriecito|Bahianita">
    <style>
      h1 {
```

```

        padding-left: 15px;
        font-family: Barriecito;
    }

    h2,
    h3 {
        padding-left: 28px;
        font-family: Bahianita;
    }

    h1 {
        border-left: dotted red 25px;
    }

    h2 {
        border-left: ridge 14px cyan;
    }

    h3 {
        border-left: 14px lightgreen double;
    }
</style>
</head>
<body>
    <h1>Fake News Headline</h1>
    <h2>Corporate Advertisement</h2>
    <h3>Conspiracy Theory Gossip in the Comments</h3>
</body>
</html>

```

border-image

```

<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Sacramento">
    <style>
      h2 {
        height: 30px;
        width: 300px;
        border: 45px double;
        padding: 10px;
        border-image: url('http://mikeludo.com/imgs/seurat.jpg') 30
stretch;
        text-align: center;
        background-color: PALETURQUOISE;
        color: steelblue;
        font-family: Sacramento;

```

```
    }
  </style>
</head>
<body>
  <div>
    <h2>Border in Impressionistic Style</h2>
  </div>
</body>
</html>
```

border-radius

```
<head>
  <style>
    article {
      height: 300px;
      width: 300px;
      border: aqua double 12px;
      padding: 50px;
      background: coral;
      background-clip: padding-box;
      border-radius: 25px 75px 150px 225px;
    }
  </style>
</head>
<body>
  <article>
  </article>
</body>
```

border-collapse & border-spacing

Code #1

```
<html>

  <head>
    <style>
      table,
      th,
      td {
        border: 1px solid black;
        border-collapse: collapse;
      }

    </style>
```

```

</head>

<body>
  <table>
    <caption>Table caption area</caption>
    <tr>
      <th>Grocery Items</th>
      <th>Cost</th>
    </tr>
    <tr>
      <td>Cucumbers</td>
      <td>$6.50</td>
    </tr>
    <tr>
      <td>Tomatoes</td>
      <td>$7.00</td>
    </tr>
    <tr>
      <td>Olive Oil</td>
      <td>$13.50</td>
    </tr>
    <tr>
      <td>Feta</td>
      <td>$9.75</td>
    </tr>
  </table>
</body>
</html>

```

Code #2

```

<html>
  <head>
    <style>
      table,
      th,
      td {
        border: 1px solid black;
        border-spacing: 15px
      }
    </style>
  </head>
  <body>
    <table>
      <caption>Table caption area</caption>
      <tr>
        <th>Grocery Items</th>
        <th>Cost</th>
      </tr>
      <tr>
        <td>Cucumbers</td>

```

```
        <td>$6.50</td>
    </tr>
    <tr>
        <td>Tomatoes</td>
        <td>$7.00</td>
    </tr>
    <tr>
        <td>Olive Oil</td>
        <td>$13.50</td>
    </tr>
    <tr>
        <td>Feta</td>
        <td>$9.75</td>
    </tr>
</table>
</body>
</html>
```

bottom, right, left & top

```
<html>

    <head>
        <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Patrick+Hand">
        <style>
            div#container {
                position: absolute;
                height: 500px;
                width: 500px;
                border: grey solid 1px;
                background-color: cyan;
                border-radius: 15%;
            }

            div#top {
                position: absolute;
                height: 100px;
                width: 100px;
                top: 5%;
                left: 40%;
                background-color: red;
                text-align: center;
                color: white;
                font-family: Patrick Hand;
                font-size: large;
```

```

        border-radius: 15%;
    }

    div#right {
        position: absolute;
        height: 100px;
        width: 100px;
        right: 5%;
        top: 40%;
        background-color: mediumseagreen;
        text-align: center;
        color: white;
        font-family: Patrick Hand;
        font-size: large;
        border-radius: 15%;
    }

    div#bottom {
        position: absolute;
        height: 100px;
        width: 100px;
        bottom: 5%;
        left: 40%;
        background-color: darkkhaki;
        text-align: center;
        color: white;
        font-family: Patrick Hand;
        font-size: large;
        border-radius: 15%;
    }

    div#left {
        position: absolute;
        height: 100px;
        width: 100px;
        top: 40%;
        left: 5%;
        background-color: mediumslateblue;
        text-align: center;
        color: white;
        font-family: Patrick Hand;
        font-size: large;
        border-radius: 15%;
    }
}

</style>
</head>

<body>
    <div id="container">
        <!--container starts -->

```

```
    <div id="top"><br>Top</div>
    <br>
    <div id="right"><br>Right</div>
    <br>
    <div id="bottom"><br>Bottom</div>
    <div id="left"><br>Left</div>
  </div>
  <!--container ends -->
</body>

</html>
```

box-shadow

```
<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Josefin+Slab">
    <style>
      div {
        border: 1px solid;
        padding: 15px;
        background-color: lightpink;
        border-radius: 15%;
        border-color: red;
        border-width: thin;
        box-shadow: 25px 30px 10px 15px deeppink;
        width: 50%;
        text-align: center;
        font-family: Josefin Slab;
      }
    </style>
  </head>
  <body>
    <div>
      <h2>This Light Pink Div Casts a Deep Pink Shadow</h2>
    </div>
  </body>
</html>
```

box-sizing

```
<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Ruda">
    <style>
```

```

#content {
  box-sizing: border-box;
  padding: 20px;
  height: 125px;
  width: 350px;
  border: purple 2px solid;
  background-color: skyblue;
  position: relative;
  left: 20px;
  text-align: center;
  color: white;
  font-family: Ruda;
}

#box {
  box-sizing: content-box;
  padding: 20px;
  height: 125px;
  width: 350px;
  border: purple 2px solid;
  background-color: tomato;
  background-clip: content-box;
  text-align: center;
  color: white;
  font-family: Ruda;
}
</style>
</head>
<body>
  <br><br>
  <div>
    <div id="content">
      <br>
      <p>The content area is my whole size.</p>
    </div>
    <br><br>
    <div id="box">
      <br><br>
      <p>The whole box is my true size.</p>
    </div>
  </div>
</body>
</html>

```

caret-color

```

<html>
  <head>
    <style>

```



```

        #badPun {
            caret-color: orange;
        }
    </style>
</head>
<body>
    <h2>Favorite Bugs Bunny Character</h2>
    <input id="badPun">
</body>
</html>

```

clear & float

Code #1

```

<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Yantramanav|Audiowide">
    <style>
      img {
        float: right;
      }

      h2 {
        font-family: Audiowide;
      }

      h4 {
        clear: right;
        padding-top: 15px;
        font-family: Yantramanav;
      }
    </style>
  </head>
  <body>
    
    <h2>Visual Music</h2>
    <h4>The discussion of the art clears the image, otherwise there'd be
no nice empty space above.</h4>
  </body>
</html>

```

Code #2

```

<!DOCTYPE html>
<html>
  <head>

```

```

    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Mitr|Scada">
    <style>
        span#first {
            float: inline-start;
            font-size: 50px;
            font-family: Mitr;
        }

        span#last {
            float: inline-end;
            font-size: 50px;
            font-family: Mitr;
        }

        p {
            font-family: Scada;
        }
    </style>
</head>
<body>
    <p><span id="first">O</span>nce upon a time, there was a chapter where
the last letter was also very bi<span id="last">G</span>.
    </p>
</body>
</html>

```

clip

```

<html>
  <head>
    <style>
      img {
        position: absolute;
        clip: rect(230px, 450px, 270px, 300px);
      }
    </style>
  </head>
  <body>
    
  </body>
</html>

```

clip-path

```
<html>
  <head>
    <style>
      img {
        clip-path: circle(150px at 50% 28%);
      }
    </style>
  </head>
  <body>
    
  </body>
</html>
```

columns, column-count, column-width, column-balance, column-gap,
column-rule & column-span

Code #1

```
<html>
  <head>
    <style>
      p {
        column-count: 4;
      }
    </style>
  </head>
  <body>
    <p>Call me Ishmael. Some years ago—never mind how long
precisely—having little or no money in my purse, and nothing particular to
interest me on shore, I thought I would sail about a little and see the
watery part of the world. It is a way I have of driving off the spleen and
regulating the circulation. Whenever I find myself growing grim about the
mouth; whenever it is a damp, drizzly November in my soul; whenever I find
myself involuntarily pausing before coffin warehouses, and bringing up the
rear of every funeral I meet; and especially whenever my hypos get such an
upper hand of me, that it requires a strong moral principle to prevent me
from deliberately stepping into the street, and methodically knocking
people's hats off—then, I account it high time to get to sea as soon as I
can. This is my substitute for pistol and ball. With a philosophical
flourish Cato throws himself upon his sword; I quietly take to the ship.
There is nothing surprising in this. If they but knew it, almost all men
in their degree, some time or other, cherish very nearly the same feelings
towards the ocean with me.
    </p>
  </body>
</html>
```

Code #2: column-width

```
column-count: auto;
column-width: 200px;
```

Code #3 column-gap

```
<style>
p {
  column-count: 3;
  column-fill: balance;
  column-gap: 10%;
}
</style>
```

Code #4: column-rule

```
<head>
  <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Pacifico">
  <style>
    p {
      column-rule: DEEPSKYBLUE double 7px;
      column-count: 3;
      column-fill: balance;
      column-gap: 10%;
      font-family: Pacifico;
    }
  </style>
</head>
```

Code #5: column-span

```
<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Pacifico|Mitr">
    <style>
      section {
        column-rule: DEEPSKYBLUE double 7px;
        column-count: 3;
        column-fill: balance;
        column-gap: 10%;
        font-family: Pacifico;
      }

      h2 {
```

```

        column-span: all;
        font-family: Mittr;
    }
</style>
</head>
<body>
    <section>
        <h2>
            Chapter One: an excerpt from Moby Dick to Illustrate Column-Span
            to Inspire All Aspiring Web Novelists
        </h2>
        <p>
            Call me Ishmael. Some years ago—never mind how long precisely—having
            little or no money in my purse, and nothing particular to interest me on
            shore, I thought I would sail about a little and see the watery part of
            the world. It is a way I have of driving off the spleen and regulating the
            circulation. Whenever I find myself growing grim about the mouth; whenever
            it is a damp, drizzly November in my soul; whenever I find myself
            involuntarily pausing before coffin warehouses, and bringing up the rear
            of every funeral I meet; and especially whenever my hypos get such an
            upper hand of me, that it requires a strong moral principle to prevent me
            from deliberately stepping into the street, and methodically knocking
            people's hats off—then, I account it high time to get to sea as soon as I
            can. This is my substitute for pistol and ball. With a philosophical
            flourish Cato throws himself upon his sword; I quietly take to the ship.
            There is nothing surprising in this. If they but knew it, almost all men
            in their degree, some time or other, cherish very nearly the same feelings
            towards the ocean with me.
        </p>
    </section>
</body>
</html>

```

cursor & pointer-events

Code #1

```

<html>
<head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Oregano">
    <style>
        h2 {
            font-family: Oregano;
        }

        h2#wait {
            cursor: wait;
        }
    </style>
</head>
<body>
    <h2#wait>
        Wait
    </h2>
</body>
</html>

```

```

    h2#zoomIn {
        cursor: zoom-in;
    }

    h2#aiming {
        cursor: crosshair;
    }

    h2#forbid {
        cursor: not-allowed;
    }

    h2#image {
        cursor: url(http://mikeludo.com/imgs/egyptianTile.jpg), auto;
    }
</style>
</head>
<body>
    <div>
        <h2 id="wait">I am Waiting. </h2>
        <h2 id="zoomIn">I am Zooming In. </h2>
        <h2 id="aiming">I am Aiming. </h2>
        <h2 id="forbid">I am Forbidden. </h2>
        <h2 id="image">I am Any Image. </h2>
    </div>
</body>
</html>

```

Code #2

```

div {
    pointer-events: none;
}

```

direction

```

<html>
<head>
    <style>
        h1.fromRight {
            direction: rtl;
        }
    </style>
</head>
<body>
    <h1 class="fromRight">I start from the right!</h1>
    <h1 class="fromRight">!Watch the punctuation</h1>
    <h1 class="fromRight">
        <bdo dir="rtl">Watch the punctuation!</bdo>
    </h1>

```

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

display

Code #1

```
<html>
  <head>
    <style>
      img {
        border: thin solid grey;
        margin: 5px;
      }
    </style>
  </head>
  <body>
    
    
    
    
  </body>
</html>
```

Code #2

```
<html>
  <head>
    <style>
      img {
        border: thin solid grey;
        margin: 5px;
      }

      #none {
        display: none;
      }

      div {
        background-color: lightblue;
      }
    </style>
  </head>
  <body>
    <div>
      
      
      
      
    </div>
  </body>
</html>
```

```
    </div>
  </body>
</html>
```

Code #3

```
<html>
<head>
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Solway">
<style>

#one {
  height: 50px;
  width: 150px;
  background-color: #FF7329;
  text-align: center;
  padding-top: 25px;
  font-family: Solway;
  color: white;
  /*display: inline;*/
  /*display: inline-block;*/
  /*display: block;*/
}

#two {
  height: 50px;
  width: 150px;
  background-color: #42B0FF;
  text-align: center;
  padding-top: 25px;
  font-family: Solway;
  color: white;
  /*display: inline;*/
  /*display: inline-block;*/
  /*display: block;*/
}

</style>
</head>
<body>

<div id="one">#FF7329</div>
<div id="two">#42B0FF</div>
</body>
</html>
```

em & rem

```
<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Kurale">
    <style>
      body {
        font-size: 1rem;
        font-family: Kurale;
      }

      p.twiceBig {
        font-size: 2em;
      }

      p.default {
        font-size: 16px;
      }
    </style>
  </head>
  <body>
    <p>Here is some very default 16px font AKA 1 rem.</p>
    <p class="twiceBig">I'm twice my parent's size.</p>
    <p class="default">I am styled at 16px and look just like 1 rem.</p>
  </body>
</html>
```

empty-cells

```
<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Gafata">
    <style>
      thead {
        background-color: thistle;
      }

      table.borders {
        empty-cells: show;
      }

      table.empty {
        empty-cells: hide;
      }

      body {
        font-family: Gafata;
      }
    </style>
  </head>
  <body>
    <table border="1">
      <thead>
        <tr>
          <th>Header 1</th>
          <th>Header 2</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td>Row 1, Col 1</td>
          <td>Row 1, Col 2</td>
        </tr>
        <tr>
          <td>Row 2, Col 1</td>
          <td>Row 2, Col 2</td>
        </tr>
      </tbody>
    </table>
    <table border="1">
      <tr>
        <td>Empty table</td>
      </tr>
    </table>
  </body>
</html>
```

```

    }
  </style>
</head>
<body>
  <h2>I like the look of a well-defined empty cell.</h2>
  <table class="borders" border="thin">
    <thead>
      <th>Name</th>
      <th>Age</th>
      <th>Sex</th>
      <th>Trials</th>
      <th>Average Score</th>
    </thead>
    <tr>
      <td>Nichole Burke</td>
      <td>27</td>
      <td>F</td>
      <td>13</td>
      <td></td>
    </tr>
    <tr>
      <td>Dan Thompson</td>
      <td>42</td>
      <td>M</td>
      <td>23</td>
      <td></td>
    </tr>
  </table>

  <h2>I prefer the greater feeling of emptiness.</h2>
  <table class="empty" border="thin">
    <thead>
      <th>Name</th>
      <th>Age</th>
      <th>Sex</th>
      <th>Trials</th>
      <th>Average Score</th>
    </thead>
    <tr>
      <td>Nichole Burke</td>
      <td>27</td>
      <td>F</td>
      <td>13</td>
      <td></td>
    </tr>
    <tr>
      <td>Dan Thompson</td>
      <td>42</td>
      <td>M</td>
      <td>23</td>
      <td></td>
    </tr>
  </table>

```

```
        </tr>
    </table>
</body>
</html>
```

filter

Code #1

```
<html>
  <head>
    <style>
      img {
        border: thin solid grey;
        margin: 15px;
        width: 300px;
      }
    </style>
  </head>
  <body>
    
    
    
    
  </body>
</html>
```

Code #2

```
html>
  <head>
    <style>
      img {
        border: thin solid grey;
        margin: 15px;
        width: 300px;
      }

      #fx1 {
        filter: blur(5px);
      }

      #fx2 {
        filter: sepia(75%) contrast(200%);
      }

      #fx3 {
        filter: hue-rotate(270deg) saturate(15);
      }
    </style>
  </head>
  <body>
    
    
    
    
  </body>
</html>
```

```

        #fx4 {
            filter: invert(100%);
        }
    </style>
</head>
<body>
    
    
    
    
</body>
</html>

```

font shorthand property

```

<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Faster+One">
    <style>
      h2 {
        margin-left: 25px;
        font: bolder oblique 50px/60px "Faster One";
      }

      /* style declaration order shown here: font-weight, font-style,
font-size, line-height, font-family */

      h2#lineHeightChange {
        line-height: 40px;
      }

      p {
        margin-left: 25px;
        font-family: arial;
        font-variant: small-caps;
        font-size: xx-large;
      }
    </style>
  </head>
  <body>
    <h2>Very Speedy Font Movie in Theaters Soon</h2>
    <h2 id="lineHeightChange">A font made from black plastic combs.</h2>
    <p>Small Caps, Just Because.</p>
  </body>
</html>

```

letter-spacing

```
<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Andika">
    <style>
      h2 {
        font-family: Andika;
        margin-left: 25px;
      }

      #one {
        letter-spacing: -5px;
      }

      #two {
        letter-spacing: 3px;
      }

      #three {
        letter-spacing: 12px;
      }

      #four {
        letter-spacing: normal;
      }
    </style>
  </head>
  <body>
    <h2 id="one">Bezirksschornsteinfegermeister</h2>
    <h2 id="two">Bezirksschornsteinfegermeister</h2>
    <h2 id="three">Bezirksschornsteinfegermeister</h2>
    <h2 id="four">Bezirksschornsteinfegermeister (normal)</h2>
  </body>
</html>
```

list-style

```
<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Zeyada|Amita">
    <style>
      h2 {
        font-family: Amita;
      }
    </style>
  </head>
  <body>
    <h2>Bezirksschornsteinfegermeister</h2>
  </body>
</html>
```

```

    ul {
      list-style-type: thai;
      list-style-position: inside;
      list-style-image: none;
      font-family: Zeyada;
      font-size: xx-large;
    }
  </style>
</head>
<body>
  <h2>A bullet not mullet pointed list.</h2>
  <ul>
    <li>Full Goatee</li>
    <li>True Goatee</li>
    <li>Norse Skipper Goatee</li>
    <li>Egyptian Goatee</li>
    <li>Ungroomed Goatee</li>
  </ul>
</body>
</html>

```

margin

```
<html>  
  <head>  
    <link rel="stylesheet"  
href="https://fonts.googleapis.com/css?family=Mirza">  
    <style>  
      div {  
        background-color: #B5FF9E;  
        height: 300px;  
        width: 500px;  
        border: solid;  
        border-width: thin;  
        margin-left: 50px;  
        margin-top: 50px;  
        border-color: grey;  
      }  
  
      h2 {  
        font-family: Mirza;  
        font-size: xx-large;  
      }  
  
      #top {  
        margin-left: 230px;  
        margin-top: 5px;  
        color: #EBC959;  
      }
```

```

    #right {
      margin-left: 420px;
      margin-top: 75px;
      color: #FF7857;
    }

    #bottom {
      margin-left: 210px;
      margin-top: 80px;
      color: #CA7FEB;
    }

    #left {
      margin-left: 20px;
      margin-top: -60px;
      color: #8CC6FF;
    }

  </style>
</head>
<body>
  <div>
    <h2 id="top">Top</h2>
    <h2 id="right">Right</h2>
    <h2 id="left">Left</h2>
    <h2 id="bottom">Bottom</h2>
  </div>
</body>
</html>

```

max-height, min-height, max-width, min-width, overflow

Code #1

```

<html>
<head>
<style>

p {
  max-width: 225px;
  max-height: 200px;
  margin-left: 20px;
  overflow: scroll;
  display: inline-block;
  border: thin lightgrey solid;
}

div {
  margin-left: 20px;
  max-width: 225px;

```

```

    max-height: 200px;
    overflow: scroll;
    display: inline-block;
    margin-bottom: 15px;
    border: thin lightgrey solid;
}
</style>
</head>
<body>
<p>Call me Ishmael. Some years ago—never mind how long precisely—having
little or no money in my purse, and nothing particular to interest me on
shore, I thought I would sail about a little and see the watery part of
the world. It is a way I have of driving off the spleen and regulating the
circulation. Whenever I find myself growing grim about the mouth; whenever
it is a damp, drizzly November in my soul; whenever I find myself
involuntarily pausing before coffin warehouses, and bringing up the rear
of every funeral I meet; and especially whenever my hypos get such an
upper hand of me, that it requires a strong moral principle to prevent me
from deliberately stepping into the street, and methodically knocking
people's hats off—then, I account it high time to get to sea as soon as I
can. This is my substitute for pistol and ball. With a philosophical
flourish Cato throws himself upon his sword; I quietly take to the ship.
There is nothing surprising in this. If they but knew it, almost all men
in their degree, some time or other, cherish very nearly the same feelings
towards the ocean with me.</p>
<div>
  
</div>
</body>
</html>

```

Code #2

```

<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Jua">
    <style>
      p {
        padding: 10px;
        color: white;
        font-family: Jua;
        text-align: center;
      }

      #one {
        background-color: #E856E8;
        min-height: 150px;
        min-width: 250px;
        max-height: 300px;

```



```

        max-width: 300px;
        margin-left: 25px;
        background-color: #E856E8;
        border: thin grey solid;
    }

    #two {
        background-color: #E856E8;
        min-height: 150px;
        min-width: 250px;
        max-height: 300px;
        max-width: 300px;
        margin-left: 25px;
        border: thin grey solid;
    }
</style>
</head>
<body>
    <div id="one">
        <p>This <em>New Company</em> has very little content.<p>
    </div><br>
    <div id="two">
        <p>But as the company grows it will want to keep adding more and
more content. The content containers should be big enough to accommodate
new stuff but also be constrained at some point so that the site does not
become too visually busy.<p>
    </div>
</body>
</html>

```

mix-blend-mode

```

<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Orienta">
    <style>
      div {
        display: block;
        height: 325px;
        width: 500px;
        background-color: #FF5770;
        border: thin solid lightgrey;
        margin-left: 25px;
        margin-top: 25px;
      }

      h1 {

```

```

        margin-left: 350px;
        clear: left;
        display: inline;
        font-family: Orienta;
        color: white;
    }

    img {
        height: 250px;
        width: 250px;
    }

    #fx1 {
        mix-blend-mode: difference;
    }

    #fx2 {
        mix-blend-mode: luminosity;
    }

    #fx3 {
        mix-blend-mode: color-dodge;
    }
</style>
</head>
<body>
    <div>
        
        <h1>So Cool</h1>
    </div>
    <div>
        
        <h1>So Cool</h1>
    </div>
    <div>
        
        <h1>So Cool</h1>
    </div>
</body>
</html>

```

opacity

Note: The opacity property is not discussed in the first edition of the book but its usage is straightforward and it is demonstrated below in the **position** section. It takes a percentage or float (a decimal number between 0.0 and 1.0) as a value. Here is some code you can use to try it (this is a modified version of the **z-index** example below).

```
<html>

<head>
  <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Flamenco">
  <style>
    #parent {
      margin-left: 50px;
      margin-top: 25px;
      font-family: Flamenco;
    }

    #unos {
      padding-top: 25px;
      height: 250px;
      width: 250px;
      background-color: red;
      font-size: x-large;
      text-align: center;
      color: white;
      position: relative;
      top: 35px;
      left: 100px;
      border-radius: 100%;
      font-size: 50px;
    }

    #dos {
      padding-top: 25px;
      height: 250px;
      width: 250px;
      background-color: green;
      font-size: x-large;
      text-align: center;
      color: white;
      position: relative;
      top: -100px;
      left: 50px;
      border-radius: 100%;
      font-size: 50px;
      opacity: 50%;
    }

    #tres {
      padding-top: 25px;
      height: 250px;
      width: 250px;
      background-color: blue;
      font-size: x-large;
      text-align: center;
```

```

        color: white;
        position: relative;
        top: -250px;
        left: 150px;
        border-radius: 100%;
        font-size: 50px;
        opacity: 50%;
    }

</style>
</head>

<body>
    <div id="parent">
        <div id="unos">unos</div>
        <div id="dos">dos</div>
        <div id="tres">tres</div>
    </div>
</body>

</html>

```

outline

The **outline** property is a shorthand for outline-color, outline-width and outline-style, which behave similar to their cousin **border** properties. In essence, this property places an outline around the element. Outlines are drawn external to the content part of the box model.

```

<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Flamenco">
    <style>

h1 {
    padding-top: 25px;
    height: 180px;
    width: 250px;
    font-size: x-large;
    text-align: center;
    color: blue;
    position: relative;
    top: 35px;
    left: 100px;
    font-size: 50px;
    font-family: Flamenco;
    outline: dotted magenta 15px;

```

```
    </style>
</head>
<body>
  <h1>
    I have a force field around me.
  </h1>
</body>
</html>
```

padding

```
<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Happy+Monkey">
    <style>
      section {
        height: 60%;
        width: 60%;
        border: thick double #AA9DC9;
        margin-left: 50px;
        margin-top: 50px;
        background-color: #786F8C;
        border-radius: 2%;
      }

      div {
        height: 80%;
        width: 70%;
        background-color: #D8C7FF;
        margin-left: 25%;
        margin-top: 12%;
        border: thin #B799FF ridge;
        border-radius: 15%;
      }

      h3 {
        padding: 20px;
        text-align: center;
        font-family: Happy Monkey;
      }
    </style>
  </head>
  <body>
    <section>
      <div>
        <h3>She walks in beauty, like the night
          Of cloudless climes and starry skies;
          And all that's best of dark and bright
          Meet in her aspect and her eyes;
          Thus mellowed to that tender light
```

```
        Which heaven to gaudy day denies.</h3>
    </div>
</section>
</body>
</html>
```

perspective

```
<html>
<head>
  <style>
    div#frame {
      position: absolute;
      height: 300px;
      width: 300px;
      margin-left: 350px;
      margin-top: 100px;
      background-image: linear-gradient(to top, cyan, yellow);
      border: 6px red outset;
      border-radius: 75%
      perspective: 100px;
      perspective-origin: center center;
    }

    div#depth {
      padding: 50px;
      position: relative;
      height: 100px;
      width: 100px;
      margin-left: 50px;
      margin-top: 90px;
      background-image: linear-gradient(to top, magenta, red);
      transform-style: preserve-3d;
      transform: rotateX(45deg);
      border-radius: 15%15% 0% 0%;
    }
  </style>
</head>
<body>
  <div id="frame">
    <div id="depth">
    </div>
  </div>
</body>
</html>
```

position

```
<html>

  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Mako|Imprima|Pacifico">
    <style>
      #nav {
        height: 50px;
        width: 400px;
        position: fixed;
        right: 0;
        left: 0;
        font-family: Pacifico;
        background-color: white;
        font-size: x-large;
        text-align: center;
        padding-top: 10px;
        border: thin grey solid;
        border-radius: 5px;
        opacity: 75%;
        z-index: 999;
      }

      #foot {
        height: 50px;
        width: 600px;
        position: sticky;
        bottom: 0;
        font-family: Pacifico;
        background-color: white;
        text-align: center;
        font-size: x-large;
        padding-bottom: 50px;
      }

      section {
        background: lavender;
        height: 200px;
        width: 600px;
        top-margin: 150px;
        padding: 10px;
        position: relative;
        color: white;
      }

      p {
        background: limegreen;
        color: white;
```

```

padding: 10px;
position: absolute;
bottom: 10px;
right: 20px;
font-size: medium;
}

h2 {
background-color: transparent;
color: white;
position: absolute;
bottom: -10px;
right: 5px;
border-radius: 10px;
padding: 15px;
}

h3 {
padding-left: 20px;
font-size: xx-large;
font-family: Imprima;
}

.myButton {
position: absolute;
bottom: 10px;
right: 20px;
font-size: medium;
border-radius: 15%;
background-color: #44c767;
border-radius: 28px;
border: 1px solid #18ab29;
display: inline-block;
cursor: pointer;
color: #ffffff;
font-family: Arial;
font-size: 17px;
padding: 16px 31px;
text-decoration: none;
text-shadow: 0px 1px 0px #2f6627;
}

.myButton:hover {
background-color: greenyellow;
color: darkblue;
}

.myButton:active {
position: relative;
top: 1px;
}

```



```

    </style>
</head>
<body>
    <div>
        <div id="nav">Placeholder Navigation</div>
    </div>
    <br>

    <section
style="background-image:url(http://mikeludo.com/imgs/banner.jpg);
background-repeat: round; font-family:Mako; font-size:large;">
        <h2>
            Public Domain Art
        </h2>
    </section>
    <br>
    <section
style="background-image:url(http://mikeludo.com/imgs/egyptMiddleKingdom.jp
g); background-repeat: round;">
        <h3>Middle Kingdom Egypt</h3>
        <a href="#" class="myButton">Explore</a>
    </section>
    <br>
    <section
style="background-image:url(http://mikeludo.com/imgs/archaicGreece.jpg);
background-repeat: round; color: black;">
        <h3>Archaic Greece</h3>
        <a href="#" class="myButton">Explore</a>
    </section>
    <br>
    <section
style="background-image:url(http://mikeludo.com/imgs/macedonianRennaissanc
e.jpg); background-repeat: round;">
        <h3>Macedonian Renaissance</h3>
        <a href="#" class="myButton">Explore</a>
    </section>
    <br>
    <section
style="background-image:url(http://mikeludo.com/imgs/analyticalCubism.jpg)
; background-repeat: round;">
        <h3>Analytical Cubism</h3>
        <a href="#" class="myButton">Explore</a>
    </section>
    <br>
    <section
style="background-image:url(http://mikeludo.com/imgs/intimism.jpg);
background-repeat: round;">
        <h3>Intimism</h3>
        <a href="#" class="myButton">Explore</a>
    </section>

```

```
<br>
<div>
  <div id="foot">Sticky Footer for Some Reason</div>
</div>
</body>
</html>
```

quotes

```
<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Iceland">
    <style>
      div {
        margin-left: 50px;
      }

      p {
        font-family: Iceland;
        font-size: xx-large
      }

      #quoteFull {
        quotes: "«" "»" "“" "”" "<" ">";
      }
    </style>
  </head>
  <body>
    <div>
      <p>I will quote someone quoting someone else :<q id="quoteFull">I
saw Einstein sitting at the counter in a truck stop. I overheard him tell
the waitress: <q>E equals MC squared.</q> Why would the waitress care?</q>
this person said to me.</p>
    </div>
  </body>
</html>
```

resize

```
<html>
  <head>
    <style>
      div {
        height: 500px;
        width: 500px;
        margin-left: 100px;
        margin-top: 100px;
```

```
        border: double orange 5px;
        overflow: scroll;
        resize: both;
    }
</style>
</head>
<body>
    <div>
        
    </div>
</body>
</html>
```

text-align

Code #1

```
<html>
<head>
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Delius+Swash+Caps">
<style>

    p {
        font-family: Delius Swash Caps;
        padding-left: 25px;
        padding-right: 25px;
    }

    #left {
        text-align: left;
    }

    #right {
        text-align: right;
    }

    #center {
        text-align: center;
    }

    #justify {
        text-align: justify;
    }
</style>
</head>
<body>
```

<p id="left">Those who were within the castle, being till then busy at the pillage, when they heard this noise ran to the towers and fortresses, from whence they shot at him above nine thousand and five-and-twenty falconshot and arquebusades, </p>

<p id="right"> at his head, and so thick did they shoot at him that he cried out, Ponocrates, my friend, these flies here are like to put out mine eyes; give me a branch of those willow-trees to drive them away, thinking that the bullets and stones shot out of the great ordnance had been but dunflies.</p>

<p id="center">Ponocrates looked and saw that there were no other flies but great shot which they had shot from the castle. Then was it that he rushed with his great tree against the castle, and with mighty blows overthrew both towers and fortresses, and laid all level with the ground, by which means all that were within were slain and broken in pieces.</p>

<p id="justify">Going from thence, they came to the bridge at the mill, where they found all the ford covered with dead bodies, so thick that they had choked up the mill and stopped the current of its water, and these were those that were destroyed in the urinal deluge of the mare.</p>

</body>
</html>

Code #2

```
p {
  font-family: Delius Swash Caps;
  padding-left: 25px;
  padding-right: 25px;
}

#left {
  text-align: left;
  text-align-last: right;
}

#right {
  text-align: right;
  text-align-last: left;
}

#center {
  text-align: center;
  text-align-last: justify;
}

#justify {
  text-align: justify;
```

```
text-align-last: center;
}
```

text-decoration

Code #1

```
<html>
<head>
  <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Pacifico">
  <style>
    h2 {
      margin-left: 50px;
      font-family: Pacifico;
      font-size: xx-large;
      text-decoration: underline overline line-through;
    }
  </style>
</head>
<body>
  <h2>Let's Do Some Strange Line Things</h2>
</body>
</html>
```

Co2e #3

```
<html>
<head>
  <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Poller+One">
  <style>
    h2 {
      margin-left: 50px;
      font-family: Poller One;
      font-size: xx-large;
      text-decoration: underline overline wavy cyan;
    }
  </style>
</head>
<body>
  <h2>I never get seasick no matter how strong the waves.</h2>
</body>
</html>
```

text-indent

```
<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Mitr|Scada">
    <style>
      p {
        margin-left: 50px;
        margin-right: 50px;
        font-family: Scada;
        text-indent: -30px;
        line-height: 30px;
      }

      span#first {
        float: inline-start;
        font-size: 50px;
        font-family: Mitr;
      }
    </style>
  </head>
  <body>
    <p><span id="first">T</span>hose who were within the castle, being
till then busy at the pillage, when they heard this noise ran to the
towers and fortresses, from whence they shot at him above nine thousand
and five-and-twenty falconshot and arquebusades, at his head, and so thick
did they shoot at him that he cried out, Ponocrates, my friend, these
flies here are like to put out mine eyes; give me a branch of those
willow-trees to drive them away, thinking that the bullets and stones shot
out of the great ordnance had been but dunflies.
    </p>
  </body>
</html>
```

text-orientation

```
<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Zilla+Slab+Highlight|Rakkas"
>
    <style>
      div {
        margin-left: 50px;
        margin-top: 50px;
      }

      h1 {
```

```

        writing-mode: vertical-lr;
        text-orientation: upright;
        margin-left: -25px;
        font-family: Zilla Slab Highlight;
        font-size: 40px;
    }

    h2 {
        font-family: Rakkas;
        font-size: xx-large;
    }
</style>
</head>
<body>
    <div>
        <h1>Frankenstein</h1>
        <h2>or The Modern Prometheus</h2>
    </div>
</body>
</html>

```

text-shadow

```

<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Slackey">
    <style>
      div {
        margin-left: 50px;
        margin-top: 50px;
        font-family: Slackey;
      }

      h1 {
        text-shadow: 20px 20px 5px grey;
      }

      h2 {
        color: magenta;
        text-shadow: -20px 30px 3px pink;
      }

      h3 {
        color: green;
        text-shadow: limegreen 10px 10px 15px;
      }
    </style>
  </head>
  <body>
    <div>
      <h1>Frankenstein</h1>
      <h2>or The Modern Prometheus</h2>
      <h3>The Frankenstein Project</h3>
    </div>
  </body>
</html>

```

```

    </style>
</head>
<body>
  <div>
    <h1>Shadow Contestant Number One</h1><br><br>
    <h2>Shadow Contestant Number Two</h2><br><br>
    <h3>Shadow Contestant Number Three</h3><br><br>
  </div>
</body>
</html>

```

text-transform

```

<html>
<head>
  <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Nova+Mono">
  <style>
    p {
      font-family: Nova Mono;
      font-size: x-large;
      margin-top: 25px;
      margin-left: 25px;
      margin-right: 25px;
    }

    #up {
      text-transform: uppercase;
    }

    #low {
      text-transform: lowercase;
    }

    #cap {
      text-transform: capitalize;
    }
  </style>
</head>
<body>
  <p id="up">Good night, sir. My Octavia, read not my blemishes in the
world's report: I have not kept my square; but that to come shall all be
done by the rule. Good night, dear lady. Good night, sir.</p>
  <p id="low">Good night, sir. My Octavia, read not my blemishes in the
world's report: I have not kept my square; but that to come shall all be
done by the rule. Good night, dear lady. Good night, sir.</p>
  <p id="cap">Good night, sir. My Octavia, read not my blemishes in the
world's report: I have not kept my square; but that to come shall all be
done by the rule. Good night, dear lady. Good night, sir.</p>
</body>

```


</html>

transform

```
<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Kranky">
    <style>
      div {
        margin-left: 50px;
        text-align: center;
        color: white;
        font-family: Kranky;
      }

      h1 {
        padding-top: 25%;
      }

      #translate {
        margin-top: 50px;
        height: 200px;
        width: 200px;
        background-color: #C6D8F5;
        transform: translate(150px, 150px);
        margin-left: 40%;
      }

      #skew {
        margin-top: 100px;
        height: 200px;
        width: 200px;
        background-color: #9EA880;
        transform: skewY(35deg);
        margin-left: 30%;
      }

      #scale {
        margin-top: 50px;
        margin-left: 350px;
        height: 100px;
        width: 200px;
        background-color: #778AA8;
        transform: scaleX(3);
      }

      #rotate {
        height: 250px;
```

```

        width: 250px;
        background-color: #F7B8AF;
        transform: rotate(.15turn);
        margin-left: 400px;
    }
</style>
</head>
<body>
    <div id="translate">
        <h1>TRANSLATE</h1>
    </div>
    <br>
    <div id="skew">
        <h1>SKEW</h1>
    </div>
    <br>
    <div id="scale">
        <h1>SCALE</h1>
    </div>
    <br>
    <div id="rotate">
        <h1>ROTATE</h1>
    </div>
</body>
</html>

```

transition

```

<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Vibur">
    <style>
      div {
        width: 75px;
        height: 75px;
        background: forestgreen;
        transition: 1s;
        border-radius: 50%;
        margin-top: 50px;
        margin-left: 200px;
      }

      div:hover {
        height: 100px;
        width: 100px;
      }

      p {

```

```

        text-align: center;
        padding-top: 18px;
        font-size: xx-large;
        color: white;
        font-family: Vibur;
    }
</style>
</head>
<body>
    <div>
        <p>—</p>
    </div>
    <div>
        <p>= </p>
    </div>
    <div>
        <p>≡ </p>
    </div>
</body>
</html>

```

vertical-align

```
<html>  
  <head>  
    <link rel="stylesheet"  
href="https://fonts.googleapis.com/css?family=Mogra|Sail">  
    <style>  
      div {  
        margin-left: 25px;  
      }  
  
      span {  
        color: crimson;  
        font-family: Mogra;  
      }  
  
      h1 {  
        font-family: Sail;  
      }  
  
      #normal {  
        vertical-align: initial;  
        font-style: oblique;  
      }  
  
      #one {  
        vertical-align: super;  
        font-style: oblique;
```

```
}

#two {
  vertical-align: sub;
  font-style: oblique;
}

#three {
  vertical-align: 60%;
  font-style: oblique;
}

#four {
  vertical-align: -60%;
  font-style: oblique;
}

#five {
  vertical-align: 25px;
  font-style: oblique;
}
</style>
</head>
<body>
  <div>
    <h1>You miss <span id="normal">100%</span> of the shots you don't
take.</h1>

    <h1>You miss <span id="one">100%</span> of the shots you don't
take.</h1>

    <h1>You miss <span id="two">100%</span> of the shots you don't
take.</h1>

    <h1>You miss <span id="three">100%</span> of the shots you don't
take.</h1>

    <h1>You miss <span id="four">100%</span> of the shots you don't
take.</h1>

    <h1>You miss <span id="five">100%</span> of the shots you don't
take.</h1>
  </div>
</body>
</html>
```

visibility

```
<html>
<head>
  <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Mogra|Sail">
  <style>
    div {
      margin-left: 25px;
    }

    span {
      color: crimson;
      font-family: Mogra;
      visibility: hidden;
    }

    h1 {
      font-family: Sail;
    }

    #normal {
      vertical-align: initial;
      font-style: oblique;
    }

    #one {
      vertical-align: super;
      font-style: oblique;
    }

    #two {
      vertical-align: sub;
      font-style: oblique;
    }

    #three {
      vertical-align: 60%;
      font-style: oblique;
    }

    #four {
      vertical-align: -60%;
      font-style: oblique;
    }

    #five {
      vertical-align: 25px;
      font-style: oblique;
    }
```

```

    </style>
</head>
<body>
  <div>
    <h1>You miss <span id="normal">100%</span> of the shots you don't
take.</h1>

    <h1>You miss <span id="one">100%</span> of the shots you don't
take.</h1>

    <h1>You miss <span id="two">100%</span> of the shots you don't
take.</h1>

    <h1>You miss <span id="three">100%</span> of the shots you don't
take.</h1>

    <h1>You miss <span id="four">100%</span> of the shots you don't
take.</h1>

    <h1>You miss <span id="five">100%</span> of the shots you don't
take.</h1>
  </div>
</body>
</html>

```

white-space

```

<html>
  <head>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Metamorphous">
    <style>
      p {
        margin-left: 25px;
        white-space: pre;
        color: orangered;
        font-family: Metamorphous;
        font-size: xx-large;
        font-weight: bold;
      }
    </style>
  </head>
  <body>
    <p>
      Tyger! Tyger! burning bright
      In the forests of the night,
      What immortal hand or eye
      Could frame thy fearful symmetry?

      In what distant deeps or skies

```

```
        Burnt the fire of thine eyes?  
        On what wings dare he aspire?  
        What the hand, dare sieze the fire?  
    </p>  
</body>  
</html>
```

word-spacing

```
<html>  
  <head>  
    <link rel="stylesheet"  
href="https://fonts.googleapis.com/css?family=Peralta">  
    <style>  
      h2 {  
        white-space: pre;  
        color: darkviolet;  
        font-family: Peralta;  
        font-size: x-large;  
        word-spacing: 15px;  
        font-weight: 900;  
      }  
    </style>  
  </head>  
  <body>  
    <h2>The Life and Opinions of Tristram Shandy, Gentleman</h2>  
  </body>  
</html>
```

writing-mode

```
<html>  
  <head>  
    <style>  
      div {  
        height: 150px;  
      }  
  
      p {  
        writing-mode: vertical-rl;  
      }  
    </style>  
  </head>  
  <body>  
    <div>
```

```
<p lang="ko">2019 년에만 17 개의 다른 파티에서 33 번의 부산행 열차를  
보았습니다. 2020 년에 더 많은 한국 좀비 영화를 기대합니다!</p>  
</div>  
</body>  
</html>
```

z-index

Code #1

```
<html>  
<head>  
<link rel="stylesheet"  
href="https://fonts.googleapis.com/css?family=Flamenco">  
<style>  
#parent {  
margin-left: 50px;  
margin-top: 25px;  
font-family: Flamenco;  
}  
  
#unos {  
padding-top: 25px;  
height: 250px;  
width: 250px;  
background-color: red;  
font-size: x-large;  
text-align: center;  
color: white;  
position: relative;  
top: 35px;  
left: 100px;  
border-radius: 100%;  
font-size: 50px;  
}  
  
#dos {  
padding-top: 25px;  
height: 250px;  
width: 250px;  
background-color: green;  
font-size: x-large;  
text-align: center;  
color: white;  
position: relative;  
top: -100px;  
left: 50px;  
border-radius: 100%;  
font-size: 50px;
```



```

    }

    #tres {
        padding-top: 25px;
        height: 250px;
        width: 250px;
        background-color: blue;
        font-size: x-large;
        text-align: center;
        color: white;
        position: relative;
        top: -250px;
        left: 150px;
        border-radius: 100%;
        font-size: 50px;
    }
</style>
</head>
<body>
    <div id="parent">
        <div id="unos">unos</div>
        <div id="dos">dos</div>
        <div id="tres">tres</div>
    </div>
</body>
</html>

```

Code #2

```

<html>
    <head>
        <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Flamenco">
        <style>
            #parent {
                margin-left: 50px;
                margin-top: 25px;
                font-family: Flamenco;
            }

            #unos {
                padding-top: 25px;
                height: 250px;
                width: 250px;
                background-color: red;
                font-size: x-large;
                text-align: center;
                color: white;
                position: relative;
                top: 35px;
            }

```

```
    left: 100px;
    border-radius: 100%;
    font-size: 50px;
    z-index: 4;
}

#dos {
    padding-top: 25px;
    height: 250px;
    width: 250px;
    background-color: green;
    font-size: x-large;
    text-align: center;
    color: white;
    position: relative;
    top: -100px;
    left: 50px;
    border-radius: 100%;
    font-size: 50px;
    z-index: 3;
}

#tres {
    padding-top: 25px;
    height: 250px;
    width: 250px;
    background-color: blue;
    font-size: x-large;
    text-align: center;
    color: white;
    position: relative;
    top: -250px;
    left: 150px;
    border-radius: 100%;
    font-size: 50px;
    z-index: 2;
}
</style>
</head>
<body>
<div id="parent">
    <div id="unos">unos</div>
    <div id="dos">dos</div>
    <div id="tres">tres</div>
</div>
</body>
</html>
```

CSS 3

Visual Learning Guide

a comprehensive example set for getting up to speed fast

{Mike Ludo}



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