

<DOCTYPE>

```

<!DOCTYPE html PUBLIC "
-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/
DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/
1999/xhtml" lang="en"
xml:lang="en">
    
```

↓

```

<!DOCTYPE html>
<html lang="en">
    
```

<HEADER>

A group of introductory or navigational aids

```

<div id="header">
  <h1>OMG, Look at the
  Zombies!</h1>
</div>
    
```

↓

```

<header>
  <h1>OMG, Look at the
  Zombies!</h1>
</header>
    
```

<HGROUP>

```

<header>
  <hgroup>
    <h1>We Are Family</h1>
    <h2>All your brains are
    belong to us</h2>
  </hgroup>
</header>
    
```

<SECTION>

A grouping of content based around a theme

```

<div id="acc-news">
  <h2>ACC Basketball
  News</h2>
  <h3>UNC Beats Duke in
  Championship Game!</h3>
  <p>The Blue Devils are routed
  by the Tarheels at Cameron
  Indoor Stadium.</p>
</div>
    
```

<HEAD>

```

<meta http-equiv="Content-Type"
content="text/html; charset=UTF-8">
<link rel="stylesheet" href="style.css"
type="text/css">
    
```

↓

```

<meta charset="UTF-8">
<link rel="stylesheet" href="style.css">
    
```

<NAV>

A section of the page that links to other pages on the site or to other sections of that particular page

```

<div id="navigation">
  <ul>
    <li>Home</li>
    <li>About</li>
    <li>Work</li>
    <li>Shop</li>
    <li>Contact</li>
  </ul>
</div>
    
```

↓

```

<nav>
  <ul>
    <li>Home</li>
    <li>About</li>
    <li>Work</li>
    <li>Shop</li>
    <li>Contact</li>
  </ul>
</nav>
    
```

```

<section>
  <header>
    <h1>ACC Basketball News</h1>
  </header>
  <h2>UNC Beats Duke in Championship Game!</h2>
  <p>The Blue Devils are routed by the Tarheels at Cameron Indoor Stadium.</p>
</section>
    
```



<ARTICLE>



An independent, self-contained composition

```
<div id="acc-news">
  <h2>ACC Basketball
  News</h2>
  <h3>UNC Beats Duke In
  Championship Game!</h3>
  <p>The Blue Devils are routed
  by the Tarheels at Cameron
  Indoor Stadium.</p>
</div>
```



```
<section>
  <header>
    <h1>ACC Basketball
    News</h1>
  </header>
  <article>
    <header>
      <h1>UNC Beats Duke In
      Championship Game!
      </h1>
    </header>
    <p>The Blue Devils are
    routed by the Tarheels at
    Cameron Indoor
    Stadium.</p>
  </article>
</section>
```

<FORMS>



New stuff:

- Input types
 - email
 - url
 - number
 - date
 - color
 - search
- Native placeholder text

```
<input type="email"
id="news-email"
placeholder="e.g. beer@aol.com"
required/>
```

<ASIDE>



Content related to an article but not critical to its understanding

```
<article>
  <header>
    <h1>UNC Beats Duke In
    Championship Game</h1>
  </header>
  <p>The Blue Devils are routed by
  the Tarheels at Cameron Indoor
  Stadium.</p>
  <aside>
    <p>Former Duke Players Cry at
    Game's End</p>
  </aside>
</article>
```



<FOOTER>



Includes information that closes out a particular section

```
<div id="footer">
  <h3>Talk to Me Goose</h3>
  <p>&copy; 2011 Maverick &
  Goose Ventures.</p>
</div>
```



```
<footer>
  <h3>Talk to Me Goose</h3>
  <p>&copy; 2011 Maverick &
  Goose Ventures.</p>
</footer>
```

<CANVAS>



Canvas is a section of your page where you can use javascript to create whatever you want.

```
<canvas width="400" height="325">
  <p>Sorry, no soup for you!</p>
</canvas>
```



BORDER-RADIUS



-webkit-border-radius
-moz-border-radius
border-radius

-webkit-border-top-left-radius
-webkit-border-top-right-radius
-webkit-border-bottom-left-radius
-webkit-border-bottom-right-radius

-moz-border-radius-topleft
-moz-border-radius-topright
-moz-border-radius-bottomright
-moz-border-radius-bottomleft

border-top-left-radius
border-top-right-radius
border-bottom-right-radius
border-bottom-left-radius

example:
border-radius: 5px

BOX-SHADOW



-webkit-box-shadow
-moz-box-shadow
box-shadow

syntax: x y blur color

example:
box-shadow: 5px 5px #000;

TEXT-SHADOW



-webkit-text-shadow
-moz-text-shadow
text-shadow

syntax: x y blur color

example:
text-shadow: 5px 5px #000;

TRANSITION



-webkit-transition
-moz-transition
transition

syntax:
css-property duration timing-function

example:
transition: opacity .2s ease-in-out;

TRANSFORM



-webkit-transform
-moz-transform
transform

fx {
scale(val)
rotate(val)
skew(val, [val])
translate(val, [val])

example:
transform: scale(1.5);

BACKGROUND GRADIENTS



-webkit-gradient(type, point, [radius], point, [radius], color-stops);
example: -webkit-gradient(linear, 0% 0%, 0% 100%, from(#A4B183), to(#C2D19B));
-moz-linear-gradient([point or angle], color-stop, color-stop, [color-stop])
example: -moz-linear-gradient(19%, 75% 90deg, #A4B183, #C2D19B);
linear-gradient(color-stop, color-stop);

MULTIPLE BACKGROUND

background:url(path_to_file) no-repeat right top, url(path_to_file) repeat center top;

RGBA/HSLA



rgba(red, green, blue, opacity);
hsla(hue, saturation, lightness, alpha);

example:
background: rgba(208, 208, 198, 0.5);

FONTS



```
@font-face {  
  font-family: "Font Family Name";  
  src: url("path_to_file");  
  format("font_type");  
}
```

