

GD50 Web Design

Welcome

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Hex

Hexadecimal

- A hex triplet is a six-digit, three-byte hexadecimal number.
- Used in HTML, CSS, SVG, and other computing applications, to represent colors.
- The bytes represent the red, green and blue components of the color.

<http://www.color-hex.com/>



#00639e



#33cccc



#fc3147



#ca2c88



#00a6aa



#ffce0b

HTML <nav>

- <nav> </nav>
- Navigation is a list of links
- Create a inside a <nav></nav> element tag.
- Place each link inside a element tag.

HTML <nav>

```
<nav>
  <ul>
    <li> <a href="fileName.html">Link text</a></li>
    <li> <a href="fileName.html">Link text</a></li>
    <li> <a href="fileName.html">Link text</a></li>
    <li> <a href="folderName/fileName.html">Link text</a></li>
    <li> <a href="fullURL2outsideWebsite">Link text</a></li>
  </ul>
</nav>|
```

CSS

Styling Links : http://www.w3schools.com/css/css_link.asp

- `a:link` - a normal, unvisited link
- `a:visited` - a link the user has visited
- `a:hover` - a link when the user mouses over it
- `a:active` - a link the moment it is clicked

```
li{  
    list-style: none; /*removes • from list*/  
}  
  
a {  
    text-decoration: none; /*removes underline from link*/  
    color: #CCC;  
}  
  
a:visited{}  
a:hover{}  
a:active{}  
|
```

HTML <nav>

The image shows a code editor window titled "index.html — Brackets" displaying HTML code for a navigation menu. The code is annotated with colored boxes and dashed lines to illustrate the structure of the `<nav>`, `<ul>`, and `<li>` elements.

```
1 <!doctype html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>drop down Test</title>
6 <link href="style.css" rel="stylesheet" type="text/css" >
7 </head>
8
9 <body>
10   <nav>
11     <ul>
12       <li><a href="#">Home</a></li>
13       <li><a href="#">Tutorials</a>
14         <ul>
15           <li><a href="#">Photoshop</a></li>
16           <li><a href="#">Illustrator</a></li>
17           <li><a href="#">Web Design</a>
18             <ul>
19               <li><a href="#">HTML</a></li>
20               <li><a href="#">CSS</a></li>
21             </ul>
22           </li>
23         </ul>
24       </li>
25       <li><a href="#">Articles</a>
26         <ul>
27           <li><a href="#">Web Design</a></li>
28           <li><a href="#">User Experience</a></li>
29         </ul>
30       </li>
31       <li><a href="#">Inspiration</a></li>
32     </ul>
33   </nav>
34
35
36 </body>
37 </html>
38
```

The annotations include:

- A dashed blue box around the entire `<nav>` element (lines 10-33).
- A pink box around the first `<ul>` element (lines 11-24).
- A green box around the nested `<ul>` element (lines 18-21).
- A pink box around the second `<ul>` element (lines 26-29).
- Labels "SUB NAV" in pink boxes pointing to the first and second `<ul>` elements.
- A label "SUB SUB NAV" in a green box pointing to the nested `<ul>` element.

CSS Dropdown

```
/*--Basic dropdown function-----*/
```

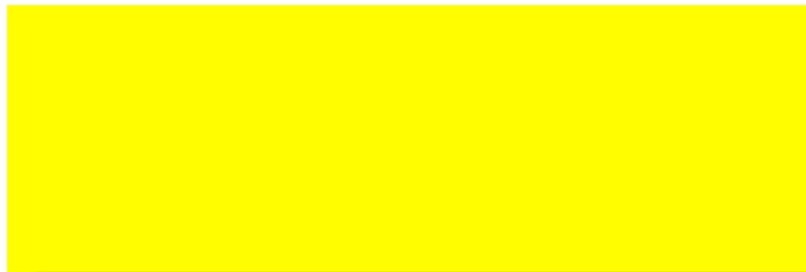
```
nav ul ul {  
    display: none;  
}
```

```
nav ul li:hover > ul {  
    display: block;  
}
```

CSS drop shadow

**box-shadow: h-shadow v-shadow blur
spread color**

```
div {  
    box-shadow: 10px 10px 5px #888888;  
}
```



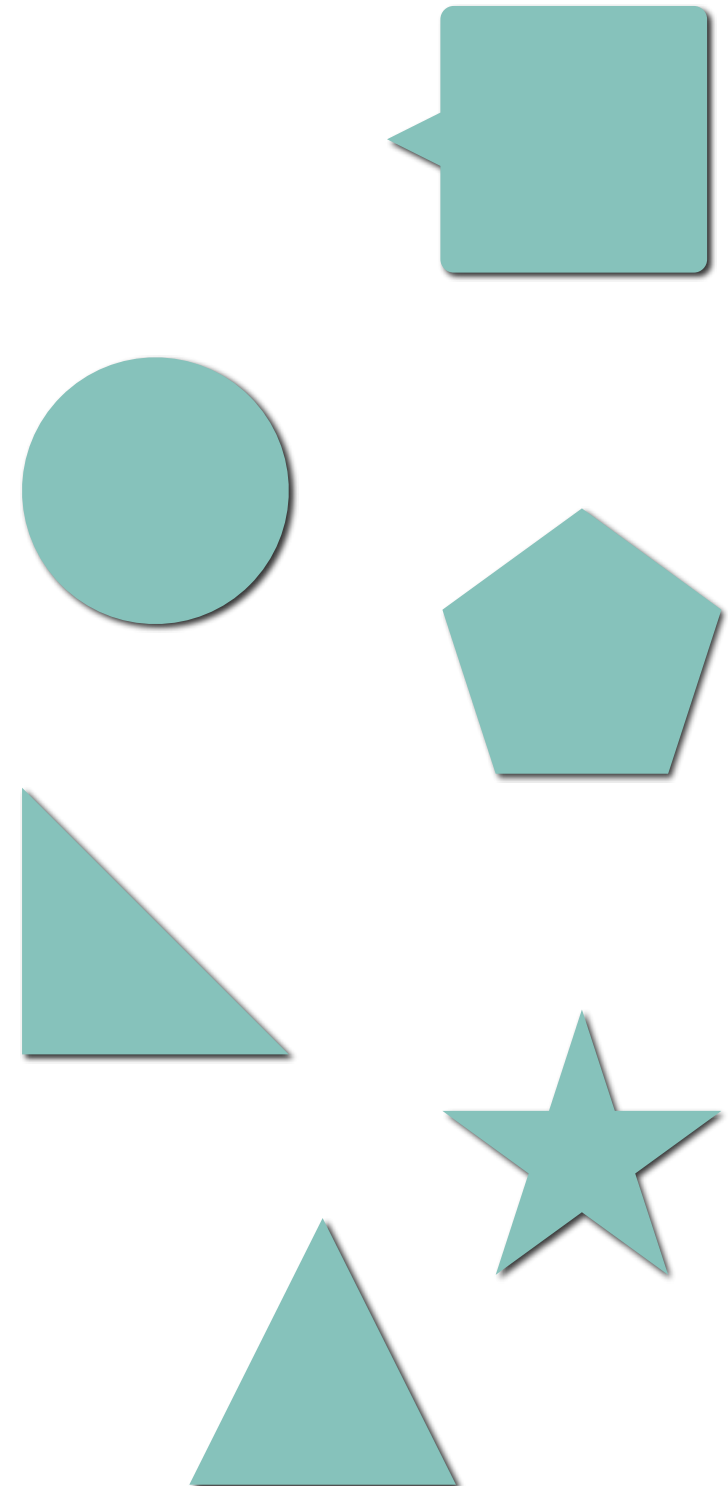
[http://www.w3schools.com/cssref/
css3_pr_box-shadow.asp](http://www.w3schools.com/cssref/css3_pr_box-shadow.asp)

CSS Shapes

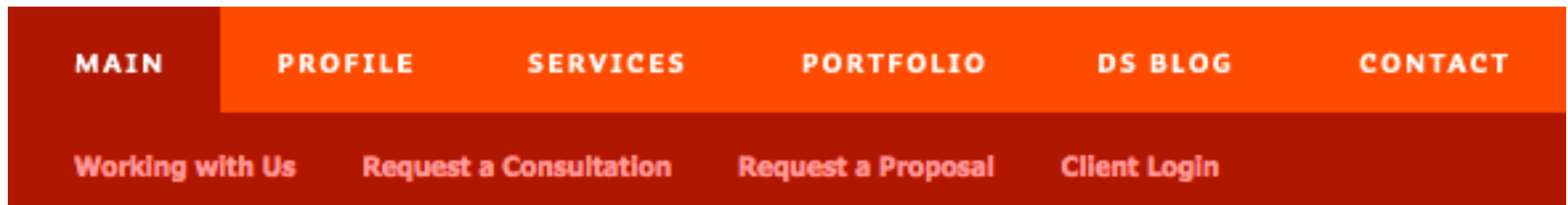
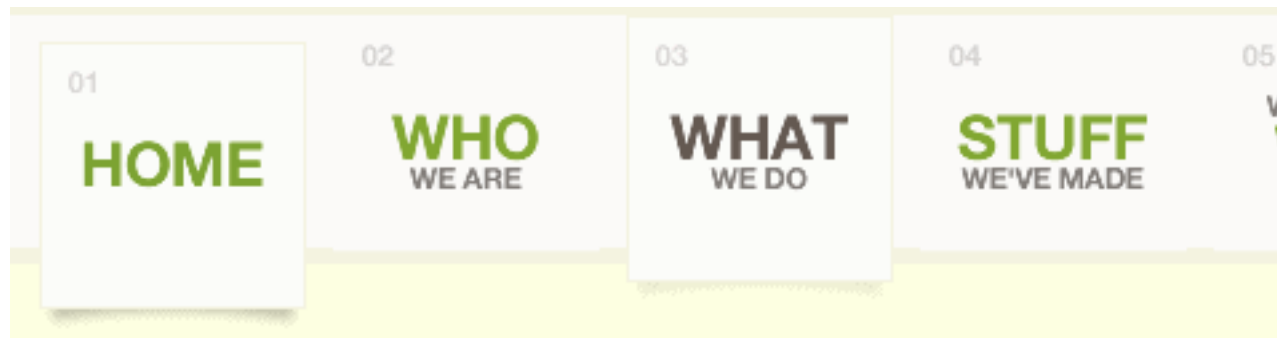
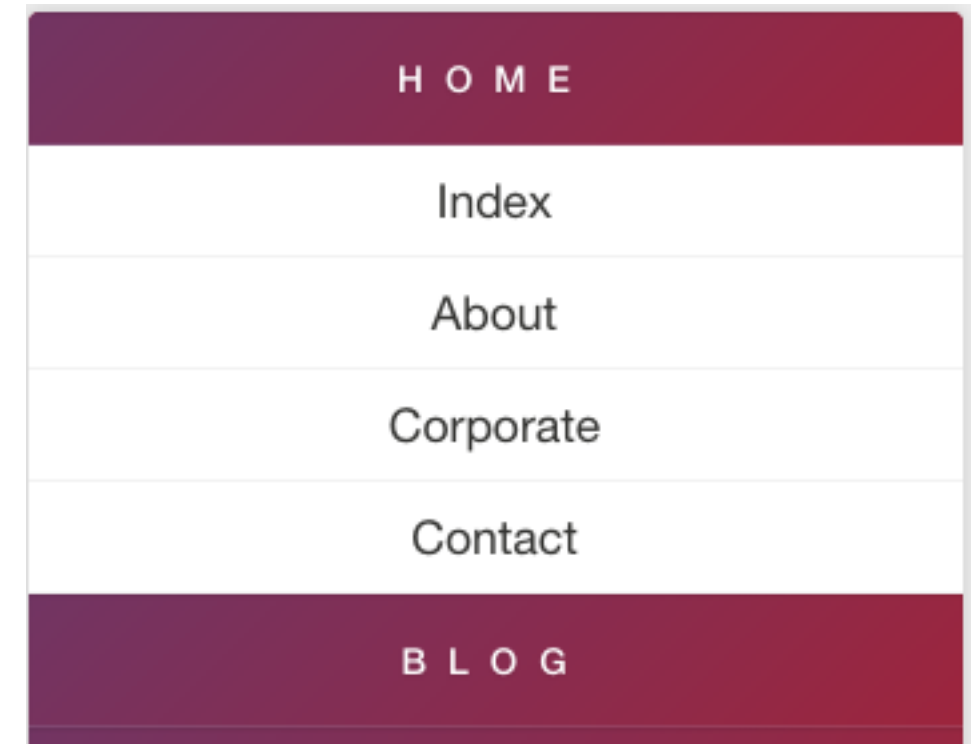
Triangles, circles and trapezoids; Oh My!

<http://css-tricks.com/examples/ShapesOfCSS/>

```
#circle {  
  width: 100px;  
  height: 100px;  
  background: red;  
  -moz-border-radius: 50px;  
  -webkit-border-radius: 50px;  
  border-radius: 50px;  
}
```



examples



Activity

- Code out a Navigation bar in Code pen, using `<nav>` `<ul>` `<li>` and `<a>` tags to external links.
- Create 2 different styles for your navigation as HW for Wed.

Activity

- Create 5 html documents and a CSS document and link them together with a navigation. Save all 6 files in one folder Named: YourLastNameNavEX
- Open up sublime, create a new HTML file using <http://htmlshell.com> (include link to CSS)
- In the body of the document add a <H1> heading for your HOME PAGE. Save this html file as index.html
- Duplicate the index file 4 times. Change the <h1> tags on each document to an About Us, History, Contact, Events. save each file with a new name. (about.html, history.html...)

Activity cont.

- in the index.html between the body tags Start a navigation to link all five html files.
- copy this navigation code and past on 4 other html files.
- style your navigation in your css file.
- Is your navigation horizontal or vertical? Color of link text or link button, drop shadows, and hover states?
- OPTIONAL: Create two different styles for the same HTML and comment one out if you like.