

## Horizontal List Based Navigation

Put the navigation into a list like the following:

```
<nav class="main-nav">
  <ul>
    <li><a href="index.html">Home</a></li>
    <li><a href="hardcandy.html">Hard Candy</a></li>
    <li><a href="gummies.html">Gummies</a></li>
    <li><a href="taffy.html">Taffy</a> </li>
  </ul>
</nav>
```

The results look like the image below — Hard to read.



Style the links with the CSS code shown below:

```
.main-nav ul li a:link,
.main-nav ul li a:visited {
    color: #E6E6E6;
    font-weight: bold;
    text-decoration: none;
}

.main-nav ul li a:hover {
    color: #41202C;
}
```

The results looked like the image below:



To remove the bullets and the extra padding that comes along with unordered lists, add the following CSS:

```
.main-nav ul {  
    padding: 0px;  
    margin: 0px;  
    list-style-type: none;  
}
```

The results are shown below:



To make the navigation horizontal make the <li>s float left using the code below:

```
.main-nav ul li {  
    float: left;  
    margin-right: 4%;  
    margin-left: 2%;  
}
```

The results are shown below: Note how the <nav> element collapses because it is ignoring the floated <li>s.



## Do this Clearfix Trick

After applying the .clearfix class, add some padding to the top and bottom to add breathing room around the links.

```
.main-nav {  
    background-color: #925664;  
    margin-top: -1em;  
    margin-bottom: .625em;  
    padding-top: .5em;  
    padding-bottom: .5em;  
    padding-left: 2%;  
}
```



## Clearfix Trick

The clearfix trick keeps a container open when everything inside that container is floating — As you can see, a non-floating container will ignore the floating elements inside itself and collapse.

First add the following to your styles.css

```
.clearfix:after {  
    content: "";  
    display: table;  
    clear: both;  
}
```

Second add the clearfix class to your <nav> element;

```
<nav class="main-nav clearfix">
```

## Vertical List Based Navigation

In the HTML:

1. Make an unordered list from the items in the .subnav class
2. Link each <li> to a placeholder url; the hashtag #:

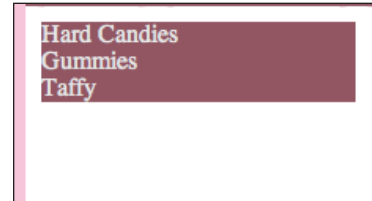
```
<nav class="subnav">
  <ul>
    <li><a href="#">Sublink1</a></li>
    <li><a href="#">Sublink2</a></li>
    <li><a href="#">Sublink3</a></li>
  </ul>
</div>
```

1. Add a background-color to the .subnav class.

```
.subnav{
  float: left;
  width: 25%;
  margin-left: 1%;
  margin-top: 1.25em;
  background-color:#925663;
}
```

2. Remove the bullets and the extra padding that comes along with unordered lists and remove the bullets or numbers from the <li> list items.

```
.subnav ul {
  padding: 0px;
  margin: 0px;
  list-style-type: none;
}
```



3. Style the a:link and a:visited type color, and remove the underline.

```
.subnav ul li a:link,
.subnav ul li a:visited {
  color: #E6E6E6;
  text-decoration: none;
}
```



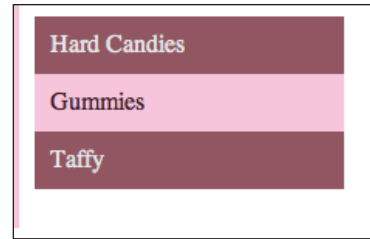
### Making the list of links look like buttons:

Add a background color and change the link to a block element.

```
.subnav ul li a:link,
.subnav ul li a:visited {
  color: #E6E6E6;
  text-decoration: none;
  background-color:#925663;
  display: block; (makes the link fill the whole list item)
  padding: 5%;
}
```

1. Since we added a background color to the `<li>`'s, we can remove it from the `.subnav` class.
2. Create the neat `a:hover` effect by changing the type color and background color.

```
.subnav ul li a:hover{  
    text-decoration: none;  
    color: #41202C;  
    background-color:#F7C5DB;  
}
```



1. To add some space between the links —to make them look like buttons —add a little margin to the `<li>` list items. (remove the background color from the `.subnav` class)

```
.subnav ul li{  
    margin-bottom: .5em;  
}
```



### The order is important

The order of the link rules in the CSS panel is important. Think “LoVe-HAte relationship” (Link, Visited, Hover). If you put them in the wrong order, the rollover effect will not work.

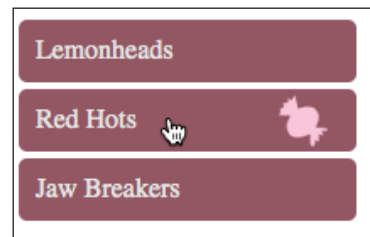
### Do you want rounded corners?

```
.subnav ul li a:link,  
.subnav ul li a:visited {  
    color: #E6E6E6;  
    text-decoration: none;  
    background-color:#925663;  
    display: block;  
    padding: 5%;  
    border-radius: 5px;  
}
```



### What about an image behind your text?

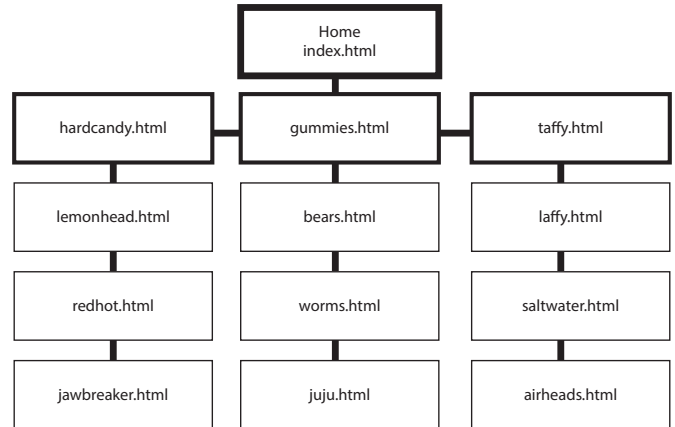
```
.subnav ul li a:hover {  
    color: #f7c5db; (change text to this color)  
    text-decoration: none;  
    background-color: #f7c5db; (disable this)  
    background-image: url(images/candy-bknd.png);  
    background-repeat: no-repeat;  
    background-position: 90% center;  
}
```



## Duplicating Pages

Now that we've spent significant time on our initial DIV layout structure and integrated the navigation on the homepage, we can start to duplicate our index as the starting points for the rest of our site pages.

Pay attention to your sitemap. Carefully planning your site structure enables you to create links before pages exist so you don't have to do it on every single page.



### The plan:

- Use the files panel in Dreamweaver to duplicate the index page 3 times. Rename those duplicates:
  - hardcandy.html
  - gummies.html
  - taffy.html
- Open hardcandy.html
- Change the <H1> Head (and any relevant information) on the Hard Candy Page
- In the HTML change the subnav links to:
  - Lemonheads – that links to *lemonheads.html*
  - Red Hots – that links to *redhots.html*
  - Jaw Breakers – that links to *jawbreakers.html*
- Save All**, then duplicate the hardcandy.html page 3 times.
- Rename each duplicate page in the files panel to:
  - lemonheads.html
  - redhots.html
  - jawbreakers.html
- Open each of these three new .html pages and change the <H1> and relevant information
- File > Save All** and test the site; all links in the Hard Candy section should now work.
- Repeat steps 2–8 for both the Gummies Page and the Taffy Page using the sitemap as a guide.

### Helpful hints:

- Don't Forget to change the content on each page/section as you go – or be prepared for mass confusion.
- If your links are broken, chances are the name of your pages is different from the name you gave them in the HTML <a href...> tag.
- Get used to going to **File > Save All** as many pages may end up being opened at once.
- Close page tabs when you are done working on them.

## On you're own if you're curious:

get your navigation to align right, just tell the `.main-nav ul li` style to float right:

```
.main-nav ul li {
  float: right;
  margin-right: 4%;
  margin-left: 2%;
}
```



If you want your navigation to center, center the `ul`, tell the list items to display inline and remove the float from the `li`:

```
.main-nav ul{
  list-style-type:none;
  padding:0px;
  margin:0px;
  text-align:center;
}

.main-nav ul li{ (remove float)
  margin-right: 4%;
  margin-left: 2%;
  display:inline;
}
```



### Get a button-like rollover effect (Start with your CSS the same as from page 2)



```
.main-nav {
    background-color: #925664;
    margin-top: -1em;
    margin-bottom: .625em;
}

.main-nav ul {
    padding: 0px;
    margin: 0px;
    list-style-type: none;
}

.main-nav ul li {
    float: left;
}

.main-nav ul li a:link,
.main-nav ul li a:visited {
    color: #E6E6E6;
    font-weight: bold;
    text-decoration: none;
    padding-right: 1.5em;
    padding-left: 1.5em;
    display: block;
    line-height: 2.75em;
}

.main-nav ul li a:hover {
    color: #41202C;
    background-color: #F7C5DB;
}
```

**grows to fill space  
makes buttons chunkier**

Look like buttons, without having to rollover (starting with code from last page)



```
.main-nav {
    margin-top: -1em;
    margin-bottom: .625em;
}
.main-nav ul {
    padding: 0px;
    margin: 0px;
    list-style-type: none;
}
.main-nav ul li {
    float: left;
}
.main-nav ul li a:link,
.main-nav ul li a:visited {
    color: #E6E6E6;
    font-weight: bold;
    text-decoration: none;
    padding-right: 1.5em;
    padding-left: 1.5em;
    display: block;
    line-height: 2.75em;
    background-color: #925663;
    margin-left: 5px;
    margin-top: 5px;
}
.main-nav ul li a:hover {
    color: #41202C;
    background-color: #F7C5DB;
}
```

**remove the BG color**

**add a bg color and some margin to space the boxes apart**

Or maybe have buttons with saweeet rounded corners?



```
.main-nav ul li a:link,
...
border-radius:5px;
}
```