

# CSS: creating mobile-friendly menus with Media Queries

In this brief tutorial I'll show you how to turn an horizontal navigation menu into a vertical menu suitable for small screen devices using the CSS Media Queries.

We start with the following markup:

```
<nav id="navigation" role="navigation">
  <ul>
    <li><a href="#">Home</a></li>
    <li><a href="#">About</a></li>
    <li><a href="#">Portfolio</a></li>
    <li><a href="#">Contacts</a></li>
  </ul>
</nav>
```

Now we define our styles for desktop and wide screens:

```
#navigation {
  height: 3em;
  background: #343434;
}

#navigation ul {
  margin: 0;
  padding: 0;
```

```
        list-style: none;
        height: 100%;
    }

    #navigation li {
        float: left;
        height: 100%;
        margin: 0 1em;
    }

    #navigation a {
        float: left;
        height: 100%;
        line-height: 3;
        color: #fff;
        text-decoration: none;
        padding: 0 1em;
    }

    #navigation a:hover {
        background: #666;
    }
```

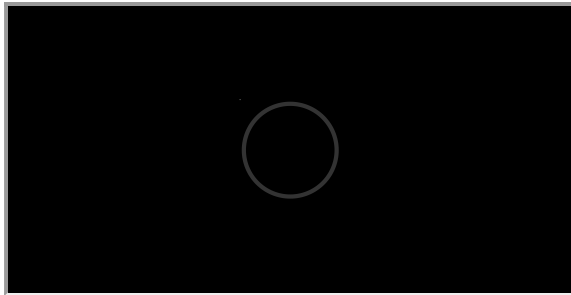
Then we override these styles by targeting small screens:

```
@media only screen and (max-width: 320px) {
    #navigation,
    #navigation ul {
        height: auto;
    }
    #navigation li, #navigation a {
        float: none;
    }
}
```

```
        display: block;
        margin: 0;
        height: auto;
    }

    #navigation a {
        width: auto;
        border-bottom: 1px solid rgba(0, 0,
0, 0.2);
        padding: 1em;
    }
}
```

You can see the final result in the following video.



How to create a mobile-ready menu using CSS Media Queries.