Air Museum Responsive Web Demo

With this simple one page site, I'll demonstrate how styles are applied to make the page scale smoothly.

1. Open the responsive.html in your text editor and view in the browser. Without any styles, the page is static and the image is cut-off as you reduce the browser window size. It's not mobile friendly.

2. I've provided an external style sheet (main.css) in the style folder but it's not linked to the html page. Take a look at it. I've noted what the various styles do to the html. Most importantly, notice how the columns and image size are set to percentages.

3. Now add the style sheet to the html:
    <link rel="stylesheet" href="styles/main.css">

Downsize your browser and see how the contents scale and adjust to a typical phone width of 480px. This is now a pure responsive page.

Adding a touch of adaptive design with a media query

Do you see how the navigation looks a little understated in the phone view? This is a situation where some additional styles will make the page look much better on a phone. So we'll add a media query to the bottom of the css. The media query goes into effect when a browser window of 480px or less is detected. See the code below and copy /paste at the bottom of the main.css and see what happens.

```
@media screen and (max-width: 480px) {

        header nav, #main, aside {
                float: left;
                clear: left;
                margin: 0 0 10px;
                width: 100%;
                }
        header nav li {
                margin: 0;
                background: #efefef;
                display: block;
                margin-bottom: 3px;
                }
        header nav a {
                display: block;
                padding: 10px;
                text-align: center;
                }
}
```