

Media Queries

Have you ever noticed a website that alters appearance on different sized displays? This is an example of what is called responsive design—pages that are intentionally designed to change appearance based on the user’s display. Media queries provide a simple way to adjust elements on a page based on the size of the display—such as the number of pixels of width.

Here’s an example that changes one class of box to three different sizes, depending on the display:

```
1  <!doctype html>
2  <html>
3
4  <head>
5    <meta charset=utf-8>
6    <title>Media Queries</title>
7
8  <style>
9    .box-1 {
10     width: 100px;
11     height: 200px;
12     background-color: yellow;
13     display: inline-block;
14   }
15
16   @media (min-width: 800px) {
17     .box-1 {
18       width: 150px;
19     }
20   }
21
22   @media (min-width: 1300px) {
23     .box-1 {
24       width: 250px;
25       height: 300px;
26     }
27   }
28
29 </style>
30 </head>
```

Default box definition
(narrow screen)

Resized box when
display width reaches
800 pixels

Resized box when
display width reaches
1300 pixels

```
31
32 <body>
33 <div class="box-1">Box #1</div>
34 <div class="box-1">Box #2</div>
35 <div class="box-1">Box #3</div>
36 <div class="box-1">Box #4</div>
37 <div class="box-1">Box #5</div>
38 </body>
39
40 </html>
```



Use of the box defined
in the head section