

CSS 3 Rounded Corners Example

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My curiosity into CSS 3 was piqued at Scotch on the Rocks 2010 this year. There was a very good presentation from Chris Mills from Opera <http://twitter.com/chrisdavidmills> where he touched on some of the new CSS 3 and HTML 5 functionality that some of the modern browsers are taking advantage of. I particularly liked some of the really simple, but visual CSS 3 changes, in this case rounded corners.

This article is a quick example of how to add rounded corner styling to your designs.

[Here is a demo of CSS 3 rounded corners in action.](#)

This is a purely CSS 3 driven example. There are two specific css parts to add to your div elements that will make the corners rounded.

```
-moz-border-radius: 5px;  
-webkit-border-radius: 5px;  
border-radius: 5px;
```

```
background-color: #ccc; -moz-border-radius: 5px; -webkit-border-  
radius: 5px; border: 1px solid #000; padding: 10px;
```

We use two styles as each is applied to different browser engines, Mozilla based browsers and webkit based browsers.

You can make individual corners rounded by specifying each element individually.

```
-moz-border-radius-topleft: 5px;  
-webkit-border-top-left-radius: 5px;  
  
-moz-border-radius-topright: 5px;  
-webkit-border-top-right-radius: 5px;  
  
-moz-border-radius-bottomleft: 5px;  
-webkit-border-bottom-left-radius: 5px;  
  
-moz-border-radius-bottomright: 5px;  
-webkit-border-bottom-right-radius: 5px;
```

The nice thing about this is that if a browser does not understand the styles it just doesn't do it, IE it degrades nicely.

[Here is a demo of CSS 3 rounded corners in action.](#)

I have since found a JQuery plugin that does much the same, but that will be another article.

Addendum:

Based on comments on this article I realised I'd actually left off the 'pure' CSS3 version of the code! The non browser specific CSS 3 version uses the 'border-radius' class, followed by a numeric value in pixels. Here is an example:

```
border-radius: 5px;
```

Once all browsers become fully CSS3 compliant we should not need the '-moz' and '-webkit' variants at all. The last div in the demo page is using this code.