

## CSS3 Support in Internet Explorer (6, 7, and 8)

Internet Explorer doesn't support CSS3 effects such as **border-radius box-shadow and text-shadow** until version 8.

It's way too time-consuming if we have to use images for Internet Explorer compatibility.

The best solution for browser progressive enhancement is not using these effects on Internet Explorer before version 9.

However, it's not acceptable for user experience department.

So we choose to use CSS behavior with VML to solve this issue.

### Usage

Whenever you need to use CSS3 attributes in any of your rules, add **behavior: url(/static/ie-css3/ie-css3.htc);** attribute inside your rule.

The following is the border-radius example:

```
.miii-button .first-child {  
    -moz-border-radius: 5px;  
    -webkit-border-radius: 5px;  
    border-radius: 5px;  
    behavior: url(/static/ie-css3/ie-css3.htc);  
}
```

The following is the box-shadow example:

```
.miii-button .first-child {  
    box-shadow: 1px 1px 0px #eee;  
    behavior: url(/static/ie-css3/ie-css3.htc);  
}
```

### Known Issues

- An external HTML Component (HTC for short) must be located at the same domain with current web page. Thus we can't have the script on Content Delivery Network.

Current location: <http://www.muchiii.com/static/ie-css3/ie-css3.htc>

- (To Fix) Too many global variable used.
- (To Fix) The regular expression it uses is less flexible. Fixed amount of attribute value and 'px' unit is necessary.

## References

- [CSS3 support for Internet Explorer 6, 7, and 8](#)
- [跨瀏覽器、陰影、圓角、可縮放的按鈕](#)