<> Code   ◦ Revisions `18`   ☆ Stars `66`   ⦿ Forks `24`

SCSS Cheatsheet

<> **README.md**

SCSS

- Website: http://sass-lang.com/
- Docs: http://sass-lang.com/guide
- Tutorial: https://www.codecademy.com/learn/learn-sass

Global Setup

Install on OS X: `sudo gem install sass`

CLI Usage

Version info: `sass -v`

Compile: `sass styles.scss styles.css`

Auto-Compile for single files: `sass --watch styles.scss:styles.css`

Auto-Compile for folders: `sass --watch .`

Notes

- There is no difference between underscores and dashes in variables: `$my_var === $my-var`
- Skip default spaces with a leading ampersand: `&:hover`
- Skip default nesting with an ending ampersand `body.blog &`
- Prevent compiling for `@import` with a leading underscore: `_normalize.scss`

Functions

Docs: http://sass-lang.com/documentation/Sass/Script/Functions.html

<> **mixins.scss**

```scss
// Useful Mixins

@mixin shadow( $x, $y, $blur, $color ) {
  -webkit-box-shadow: $x $y $blur $color;
  -moz-box-shadow: $x $y $blur $color;
  box-shadow: $x $y $blur $color;
}

@mixin animate( $property: all, $duration: 1s, $easing: ease ) {
  -webkit-transition: $property $duration $easing;
  -moz-transition: $property $duration $easing;
  -o-transition: $property $duration $easing;
  transition: $property $duration $easing;
}

@mixin links( $normal, $visited, $hover ) {
  &:visited {
    color: $visited;
  }
  &:hover, &:active, &:focus {
    color: $hover;
  }
}
```

snippets.scss

```scss
.clearfix {
    &:before,
    &:after {
        content: "";
        display: table;
    }

    &:after { clear: both; }
}
```

styles.scss

```scss
// SCSS comments (not visible in CSS)
/* CSS comments (visible in CSS) */


// Variables
$color: black;

p {
  color: $color;
}


// Nesting & Abbreviation
aside {
  border: {
    width: 1px;
    style: solid;
    color: $color;
```

```scss
    }
  }

  nav {
    background: none;
    ul {
      list-style-type: none;
      a {
        color: $color;
        &:hover, &:focus, &:active { // Skip default space: `a:hover` instead of `a :hover`
          color: red;
        }
      }
    }
    body.blog & { // Skip default nesting: `body.blog nav` instead of `nav body.blog`
      background: green;
    }
  }

  // Extend/Inheritance
  .infobox {
    border: 1px solid #ccc;
    padding: 10px;
    color: $color;
  }

  .success {
    @extend .infobox;
    border-color: green;
  }

  // The % prefix creates rules that never get used on their own.
  // Theses classes are solely for the purpose of extending.
  %info {
    position: absolute;
  }

  .notice {
    @extend %info;
  }


  // Mixins
  @mixin outline {
    border: 1px solid black;
  }
  @mixin animate( $property, $duration, $easing ) {
    transition: $property $duration $easing;
  }
  @mixin default_animate( $property: all, $duration: 1s, $easing: ease ) { // Mixin with defaults
    transition: $property $duration $easing;
  }

  aside {
    border-radius: 10px;
    @include outline;
```

```scss
    }

a {
  @include animate( all, 1s, linear );
}
nav a {
  @include default_animate( $duration: 3s ); // Use defaults with custom $duration
}


// Operators: +, -, *, /, and %
.container {
  width: 600px / 960px * 100%;
}


// Functions
$highlight: green;

p {
  color: lighten( $highlight, 20% );
}
p {
  color: darken( $highlight, 10% );
}
p {
  color: fade-out( $highlight, 0.5 );
}
p {
  color: adjust-hue( $highlight, 90 ); // Usually between -360 degrees and 360 degrees.
}
p {
  color: red + blue; // Compiles to magenta.
}

// Loops
$list: (orange, purple, teal);
@each $item in $list {
  .#{$item} {
    background: $item;
  }
}

$total: 10;
$step: 360deg / $total;
@for $i from 1 through $total {
    .ray:nth-child(#{$i}){
        background: adjust-hue( blue, $i * $step );
    }
}

// If/Else
p {
  margin-left: if( $i % 2 == 0, 0px, 50px );
}
```

```
131
132   // Import/Embed (.scss files only)
133   @import 'normalize' // Prevent separate compiling with a leading underscore: `_normalize.scss`
```

ghost commented on 19 Dec 2015

On line 2 of `styles.scss`

```
/* CSS commnets (visible in CSS) */
```

Probably should be

```
/* CSS comments (visible in CSS) */
```

hofmannsven commented on 6 Jan 2016   Owner   Author

@rohitkharsan Thx for the hint! Fixed it.

fedwatch commented on 31 Oct 2016

@rohitkharsan Thx for the hint! Fixed it.