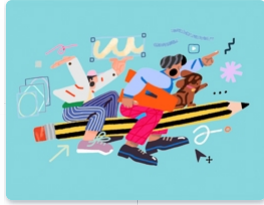


# Sass cheatsheet



Adobe Creative Cloud for Teams.  
Put creativity to work.  
  
ads via Carbon

## Introduction

This is a quick reference to [Sass stylesheets](#).

### Sass documentation

([sass-lang.com](https://sass-lang.com))

## Variables

```
$red: #833;
```

```
body {  
  color: $red;  
}
```

## Comments

```
/* Block comments */  
// Line comments
```

## Mixins

```
@mixin heading-font {  
  font-family: sans-serif;  
  font-weight: bold;  
}
```

## Extend

```
.button {  
  ...  
}
```

```
.push-button {  
  @extend .button;  
}
```

```
body {  
  @include font-size(2);  
}
```

with default values

```
@mixin pad($n: 10px) {  
  padding: $n;  
}
```

```
}
```

```
body {  
  @include pad(15px);  
}
```

with a default variable

```
// Set a default value  
$default-padding: 10px;
```

```
@mixin pad($n: $default-padding) {  
  padding: $n;  
}
```

```
body {  
  @include pad(15px);  
}
```

## # Color functions

### rgba

### Mixing

```
rgb(100, 120, 140)  
rgba(100, 120, 140, .5)  
rgba($color, .5)
```

```
mix($a,
```

### Modify

### Getting individual values

```
darken(  
  $color  
  $amount  
)
```

#### HSLA

```
hue($color)      // → 0deg..360deg  
saturation($color) // → 0%..100%  
lightness($color) // → 0%..100%  
alpha($color)    // → 0..1 (aka opacity())
```

#### RGB

```
red($color)      // → 0..255  
green($color)  
blue($color)
```

See: `hue()`, `red()`

```
// Char  
adjust-  
adjust-  
adjust-  
adjust-
```

```
// Char  
scale-c
```

```
// Char  
change-  
change-
```

Support

## # Other functions

### Strings

```
unquote('hello')  
quote(hello)
```

```
to-upper-case(hello)  
to-lower-case(hello)
```

```
str-length(hello world)  
str-slice(hello, 2, 5)    // "ello" - it's 1-based, not 0-based  
str-insert("abcd", "X", 1) // "Xabcd"
```

### Units

```
unit(3e  
unites
```

### Number

```
floor(3  
ceil(3.  
round(3  
abs(3.5
```

### Misc

```
variable-exists($red)    // checks for $red  
mixin-exists(red-text)  // checks for @mixin red-text  
function-exists(redify)
```

```
min(1,  
max(1,
```

```
ent  
om(
```

```
global-variable-exists(red)
```

```
selector-append('.menu', 'li', 'a') // .menu li a
selector-nest('.menu', '&:hover li') // .menu:hover li
selector-extend(...)
selector-parse(...)
selector-replace(...)
selector-unify(...)
```

## # Feature checks

### Feature check

### Feature:

```
feature-exists(global-variable-shadowing)
```

global

exter

units

at-en

## # Loops

### For loops

### Each loc

```
@for $i from 1 through 4 {
  .item-#{ $i } { left: 20px * $i; }
}
```

\$menu-i

@each \$

.phot

bac

}

}

### Each loops (nested)

### While lo

\$i: 6;

@while

.item

```
$backgrounds: (home, 'home.jpg'), (about, 'about.jpg');
```

```
@each $id, $image in $backgrounds {
  .photo-#{$id} {
    background: url($image);
  }
}
```

```
$i: $
}
```

## # Other features

### Conditionals

```
@if $position == 'left' {
  position: absolute;
  left: 0;
}
@else if $position == 'right' {
  position: absolute;
  right: 0;
}
@else {
  position: static;
}
```

### Interpol

```
#{ $kla
call($f

@media
font: #
url("#{
```

### Lists

```
$list:

nth($li
length(
```

### Maps

```
$map: (key1: value1, key2: value2, key3: value3);

map-get($map, key1)
```

```
$
```

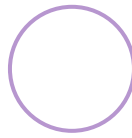
## # See also

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

[http://sass-lang.com/documentation/file.SASS\\_REFERENCE.html#sassscript](http://sass-lang.com/documentation/file.SASS_REFERENCE.html#sassscript)

---

---



Over 358 curated cheatsheets, by developers for developers.

[Devhints home](#)

## Other CSS cheatsheets

**CSS flexbox**  
cheatsheet

**CSS system fonts**  
cheatsheet

**cssnext**  
cheatsheet

**Stylus**  
cheatsheet

**Bootstrap**  
cheatsheet

**Bulma**  
cheatsheet

## Top cheatsheets

**Elixir**  
cheatsheet

**ES2015+**  
cheatsheet

**React.js**  
cheatsheet

**Vimdiff**  
cheatsheet

**Vim**  
cheatsheet

**Vim scripting**  
cheatsheet