

Download SASS Cheatsheet

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Variables & Interpolation: Sass allows to declare variables that can be used throughout the stylesheet.

Variables begin with symbol \$\frac{\sqrt{s}}{s}\$, and are declared just like properties. They can have any value that is allowed for a CSS property, such as colors, numbers (with Variables can be used for more than just property values. Indeed is possible to

CSS

units), or text.

```
$defaultLinkColor: #46EAC2;
                                                color: #46EAC2;
a {
  color: $defaultLinkColor;
$wk: -webkit-;
.rounded-box {
  #{$wk}border-radius: 4px;
```

use #{\$var} to insert them into property names or selectors.

```
.rounded-box {
 -webkit-border-radius: 4px;
```

special character & references the parent selector. names or selectors.

Nesting:

SASS

SASS CSS ul {

Sass allows to avoid repetition of CSS selectors by nesting the child selectors

within the parent selector. It is possible to nest also pseudoclass selectors. The

```
li {
border: {
```

left: {

style: solid;

list-style-type: none;

```
width: 1px;
   color: #999999;
display: inline-block;
margin: 0;
padding: 0 5px;
  a {
   text-decoration: none;
    &:hover { text-decoration: underline
```

```
ul {
  list-style-type: none;
ul li {
  border-style: solid;
  border-left-width: 1px;
  border-left-color: #999999;
  display: inline-block;
  margin: 0;
  padding: 0 5px;
ul li a {
  text-decoration: none;
ul li a:hover {
  text-decoration: underline;
```

lang.com/docs/yardoc/Sass/Script/Functions.html. SASS

width: \$defaultWindowSize / 3;

color: lighten(\$defaultLinkColor, 10%

Operations and Functions:

\$defaultWindowSize: 960px; #nav.side { float: right; width: 320px; #nav.side { float: right;

CSS

#nav.side a {

color: #74EFD1;

In a SASS stylesheet is possible to use the classic arithmetic operations;

The entire list of these functions could be found @ http://sass-

moreover the SASS engine makes available a large set of new useful functions.

```
Mixins:
Mixins allow re-use of styles without having to copy and paste them or move
them into a non-semantic class.
To define a mixin is used the @mixin directive, which takes a block of styles
that can then be included in another selector using the @include directive.
```

CSS

footer, header {

clear: both;

display: block;

padding: 5px 10px;

margin: 5px 0;

border: 1px solid #666;

```
clear: both;
display: block;
margin: 5px 0;
padding: 5px 10px;
```

@mixin default-box {

\$borderColor: #666;

border: 1px solid \$borderColor;

@mixin default-box(\$color, \$boxModel, \$pa

SASS

a {

```
footer, header{ @include default-box; }
Arguments:
```

Arguments are declared as a parenthesized, comma-separated list of variables.

CSS

header {

clear: both;

display: block;

.error, .badError {

border: 1px #F00;

background: #FDD;

padding: 5px 10px;

margin: 5px 0;

border: 1px solid #666;

The real power of mixins comes when you pass them arguments.

Each of those variables is assigned a value each time the mixin is used.

\$borderColor: \$color; border: 1px solid \$borderColor; clear: both;

display: \$boxModel;

padding: 5px \$padding;

Selector Inheritance:

margin: 5px 0;

SASS

```
footer {
header{ @include default-box(#666, block,
                                               border: 1px solid #999;
footer{ @include default-box(#999, inline
                                               clear: both;
                                               display: inline-block;
                                               margin: 5px 0;
                                               padding: 5px 5px;
```

The SASS *@extend* directive makes possible for a selector to inherit all the

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styles of another selector without duplicating the CSS properties.

Import stylesheet

border: 1px #F00;

background: #FDD;

.error {

.badError { .badError { @extend .error; border-width: 3px; border-width: 3px;

```
Usually, as naming convention, the name of the files meant to be imported,
begins with an underscore. In order to support both .scss and .sass files, SASS
```

files that import them.

allows files to be imported without specifying a file extension. SASS CSS

SASS *@import* directive allows to break a stylesheet up into multiple files. Any

style rules, variables or mixins defined in @imported files are available to the

```
@import 'partials/_vars';
                                             body {
                                               color: #333;
body {
  color: $color;
/* content of vars.scss */
$color: #333;
```