

Sassy CSS Snippets

Variables

Main Heading

Sub-Heading

```
1 $font-stack: Helvetica, sans-serif;
2 $main-color: #f35;
3
4 h1 {
5   font: 16px $font-stack;
6   color: $main-color;
7 }
8
9 h2 {
10  font: 12px $font-stack;
11  color: $main-color;
12 }
```

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Nesting

Awesome Shop

Products | Stores | Contact

Top Products

- [MacBook Pro](#)
- [Kindle Fire](#)
- [Wool \(Silo Trilogy 1\)](#)

```
1 nav {
2
3   background-color: lightgrey;
4
5   h1 {display: inline-block;}
6
7   ul {
8     display: inline-block;
9     margin: 0;
10    padding: 0;
11    list-style: none;
12
13    li {
14      display: inline-block;
15    }
16  }
17
18  a {
19    display: inline-block;
20    padding: 6px 12px;
21    text-decoration: none;
22  }
23 }
24
25 section {
26   padding: 10px;
27 }
```

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Parent referencing with &<some-selector>

- item 1
- item 2
- item 3
- item 4
- item 5

```
1 ul {
2   li {
3     font-weight: bold;
4     &:nth-child(odd) {color: red;}
5     &:nth-child(even) {color: green;}
6     &:last-child {color: magenta;}
7   }
8 }
```

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Parent referencing with <some-selector> &

all is well

all is NOT well

all is meh

```
1 .msg {
2   font-weight: bold;
3   border: 1px solid;
4   padding: 10px;
5   margin: 5px;
6   .notice & { color: green; border-color: green;}
7   .alert & { color: red; border-color: red;}
8   .warn & { color: orange; border-color: orange;}
9 }
```

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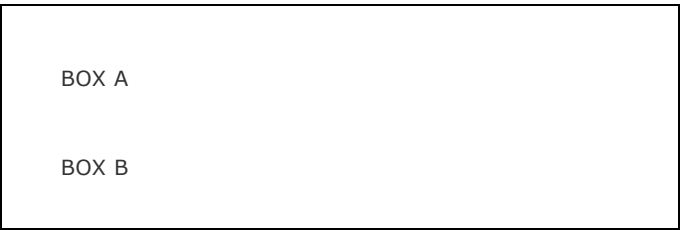
Inheriting styling with @extend



```
1 .msg {
2   font-weight: bold;
3   border: 1px solid;
4   padding: 10px;
5   margin: 5px;
6 }
7
8 .notice {
9   @extend .msg;
10  color: green;
11  border-color: green;
12 }
13
14 .alert {
15   @extend .msg;
16   color: red;
17   border-color: red;
18 }
19
20 .warn {
21   @extend .msg;
22   color: orange;
23   border-color: orange;
24 }
```

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Mixins



```
1 @mixin rounded-corners($radius: 5px) {
2   -webkit-border-radius: $radius;
3   -moz-border-radius: $radius;
4   -ms-border-radius: $radius;
5   border-radius: $radius;
6 }
7
8
9 .box {
10  width: 100px;
11  height: 50px;
12  padding: 20px;
13  margin: 10px;
14 }
15
16 #box-A {
17   background-color: red;
18   @include rounded-corners;
19 }
20
21 #box-B {
22   background-color: green;
23   @include rounded-corners(20px);
24 }
```

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Calculating Dimensions

Dimension Mathematics with SCSS

SCSS Dimension Datatypes

SCSS can do maths with CSS datatypes, i.e.:

- px
- %
- em
- etc...

Addition & Subtraction

we can add and subtract like this:

```
$val-a: 2px + 2px; //=> 4px
```

```
1 // calculations
2
3 $article-width: 700px;
4 $default-padding: 10px;
5 $main-content-width: 2/3 * $article-width;
6 $asside-width: $article-width - $main-content-width - 2 * $default-padding;
7
8 // styling
9
10 .article-container {
11   article {
12     width: $article-width;
13     background-color: pink;
14     margin: auto;
15     padding: $default-padding;
16     .main-content {
17       width: $main-content-width;
18       float: left;
19       background-color: white;
20       section {
21         padding: $default-padding;
22       }
23     }
24     asside {
25       width: $asside-width;
26       background-color: lightgreen;
27       float: right;
28       padding: $default-padding;
29     }
30   }
31 }
```

```
$val-b: 50% - 20%; //=> 30%
```

Multiplication & Division

we can multiply and divide like this:

```
$val-a: 2px * 2; //=> 4px
$val-b: (50% / 2); //=> 25% - NOTE PARENTHESES!
```

we can cast un-typed results using multiplication too:

```
$val-a: (100 + 200) * 1px; //=> 300px
$val-b: (1/3) * 100%; //=> 33.3333%
```

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Darken and Lighten

Original

Darker

Lighter

```
1 $base-color: #AD141E;
2 $dark-color: darken( $base-color, 20% );
3 $light-color: lighten( $base-color, 20% );
4
5 .box {
6   width: 33.33333%;
7   float: left;
8   padding: 10px;
9   color: black;
10 }
11
12 #original {
13   background-color: $base-color;
14 }
15
16 #darker {
17   background-color: $dark-color;
18 }
19
20 #lighter {
21   background-color: $light-color;
22 }
```

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Saturate and Desaturate

Original

Saturated

Desaturated

```
1 $base-color: #AD141E;
2 $saturated-color: saturate( $base-color, 30% );
3 $desaturated-color: desaturate( $base-color, 30% );
4
5 .box {
6   width: 33.33333%;
7   float: left;
8   padding: 10px;
9   color: black;
10 }
11
12 #original {
13   background-color: $base-color;
14 }
15
16 #saturated {
17   background-color: $saturated-color;
18 }
19
20 #desaturated {
21   background-color: $desaturated-color;
22 }
```

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Transparency with RGBA

Hello World!

```
1 $base-color: red;
2 $semi-transparent-red: rgba( $base-color, .5 );
3
4 .box {
5   padding: 20px;
```

```
6 | color: $base-color;
7 | background-color: $semi-transparent-red;
8 | }
```

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Adjust-Hue

Anti-Clockwise

Original

Clockwise

```
1 $base-color: #AD141E;
2 $clockwise-color: adjust-hue( $base-color, 90deg );
3 $anti-clockwise-color: adjust-hue( $base-color, -90deg );
4
5 .box {
6   width: 33.33333%;
7   float: left;
8   padding: 10px;
9   color: black;
10 }
11
12 #original {
13   background-color: $base-color;
14 }
15
16 #clockwise {
17   background-color: $clockwise-color;
18 }
19
20 #anti-clockwise {
21   background-color: $anti-clockwise-color;
22 }
```

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Complement

Base Color 1

Comp Color 1

Base Color 2

Comp Color 1

```
1 $base-color-1: #AD141E;
2 $base-color-2: #6556F7;
3 $comp-color-1: complement( $base-color-1 );
4 $comp-color-2: complement( $base-color-2 );
5
6 .box {
7   width: 50%;
8   float: left;
9   padding: 10px;
10  color: black;
11 }
12
13 #box-1 {
14   background-color: $base-color-1;
15 }
16
17 #box-2 {
18   background-color: $comp-color-1;
19 }
20
21 #box-3 {
22   background-color: $base-color-2;
23 }
24
25 #box-4 {
26   background-color: $comp-color-2;
27 }
```

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Modularity through partials and @import

```
1
```

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if, @if, @for, @each and @while

```
1
```

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[New Snippet](#)