Sassy CSS Snippets

Variables

Main Heading

Sub-Heading

```
1  h1 {
2    font: 16px Helvetica, sans-serif;
3    color: #ff3355; }
4
5  h2 {
6    font: 12px Helvetica, sans-serif;
7    color: #ff3355; }
```

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Nesting

Awesome Shop

Products | Stores | Contact

Top Products

- MacBook Pro
- Kindle Fire
- Wool (Silo Trilogy 1)

```
1   not {
2     background-color: lightgrey; }
3     nav h1 {
4       display: inline-block; }
5     nav ul {
6       display: inline-block;
7       margin: 0;
8       padding: 0;
9       list-style: none; }
10      nav  ul  li {
11        display: inline-block; }
12      nav  a {
13        display: inline-block;
14        padding: 6px 12px;
15        text-decoration: none; }
16
17  section {
18    padding: 10px; }
```

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Parent referencing with &<some-selector>

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

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

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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 .msg {
7       color: green;
8       border-color: green; }
9     .alert .msg {
10      color: red;
11      border-color: red; }
12    .warn .msg {
13      color: orange;
14      border-color: orange; }
```

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Inheriting styling with @extend

all is well

all is NOT well

all is meh

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

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Mixins

BOX A

BOX B

```
1  .box {
2    width: 100px;
3    height: 50px;
4    padding: 20px;
5    margin: 10px; }
6
7  #box-A {
8    background-color: red;
9    -webkit-border-radius: 5px;
10   -MOT- border-radius : 5px ;
11   -ms-border-radius: 5px;
12   border-radius: 5px; }
13
14 #box-B {
15   background-color: green;
16   -webkit-border-radius: 20px;
17   -MOT- border-radius : 20px ;
18   -ms-border-radius: 20px;
19   border-radius: 20px; }
```

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Calculating Dimensions

Dimension Mathematics with SCSS

SCSS Dimension Datatypes

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

- px
- %
- in
- etc ...

Addition & Subtraction

we can add and subtract like this:

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

```
1  .article-container article {
2    width: 700px;
3    background-color: pink;
4    margin: auto;
5    padding: 10px; }
6    .article-container article .main-content {
7      width: 466.66667px;
8      float: left;
9      background-color: white; }
10     .article-container article .main-content section {
11       padding: 10px; }
12   .article-container article aside {
13     width: 213.33333px;
14     background-color: lightgreen;
15     float: right;
16     padding: 10px;
```

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

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Darken and Lighten

Original	Darker	Lighter

```
1  .box {
2    width: 33.33333%;
3    float: left;
4    padding: 10px;
5    color: black; }
6
7  #original {
8    background-color: #ad141e; }
9
10 #darker {
11   background-color: #52090e; }
12
13 #lighter {
14   background-color: #e93e49; }
```

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Saturate and Desaturate

Original	Saturated	Desaturated

```
1  .box {
2    width: 33.33333%;
3    float: left;
4    padding: 10px;
5    color: black; }
6
7  #original {
8    background-color: #ad141e; }
9
10 #saturated {
11   background-color: #c1000d; }
12
13 #desaturated {
14   background-color: #903137; }
```

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Transparency with RGBA

Hello World!

```
1  .box {
2    padding: 20px;
3    color: red;
4    background-color: rgba(255, 0, 0, 0.5); }
```

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Adjust-Hue

Anti-Clockwise	Original	Clockwise

```
1  .box {
2    width: 33.33333%;
3    float: left;
4    padding: 10px;
5    color: black; }
6
7  #original {
8    background-color: #ad141e; }
9
10 #clockwise {
11   background-color: #6bad14; }
12
13 #anti-clockwise {
14   background-color: #5614ad; }
```

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Complement

Base Color 1	Comp Color 1
Base Color 2	Comp Color 1

```
1  .box {
2    width: 50%;
3    float: left;
4    padding: 10px;
5    color: black; }
6
7  #box-1 {
8    background-color: #ad141e; }
9
10 #box-2 {
11   background-color: #14ada3; }
12
13 #box-3 {
14   background-color: #6556f7; }
15
16 #box-4 {
17   background-color: #e8f756; }
```

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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

```
1  .box {
2    width: 50%;
3    float: left;
4    padding: 10px;
5    color: black; }
6
7  #box-1 {
8    background-color: #ad141e; }
9
10 #box-2 {
11   background-color: #14ada3; }
12
13 #box-3 {
14   background-color: #6556f7; }
```