



Variables:

```
$red: #ff0000;
.myClass {
  color: $red;
```

!default: If a variable isn't given a value, it uses the one set for default

```
$color: #000000;
$color: #ff0000 !default;
.myClass {
  color: $color;
}
```

Mixin:

```
@mixin myfont ($size, $weight, $family){
  font: {
    size: $size;
    weight: $weight;
    family: $family;
  }
}
.myClass {
  @include font(18px, "bold", "Arial,Helvetica,sans-serif");
}
```

Nesting:

```
nav ul {
  margin: 0;
  padding: 0;
  li {
    list-style: none;
    display: inline;
    a {
      color: $red;
    }
  }
}
```

Nested Properties

```
.myFont {
  font: {
    family: Arial;
    size: 14px;
    weight: bold;
  }
}
```

Selector Inheritance (Using @extend):

```
.myClass {
  color: #ff0000;
  margin: 10px;
}
.anotherClass {
  @extend .myClass;
  border: 1px #000 solid;
}
```

'&': Referencing Parent Selectors

```
a {
  color: #ff0000;
  &:hover {
    color: #666666;
  }
}
```

Operations: +, -, *, /, %

```
$width: 1000px;
.myClass {
  width: $width - 400px;
}
```

Interpolation: #{}

```
$className: samcro;
$attr: background;
a.#{$className} { #{$attr}-color: #000000 }
```

@if, @elseif, @else

```
$type: monster;
p {
  @if $type == ocean {
    color: blue;
  } @else if $type == matador {
    color: red;
  } @else if $type == monster {
    color: green;
  } @else {
    color: black;
  }
}
```

@for - (@while works similar)

```
@for $i from 1 through 3 {
  .myClass-#{$i} { width: 2px * $i; }
}
```



Command Line Commands:

```
compass compile
compass watch
compass help
compass validate
compass version
```

Imports for Sass/SCSS

(put in .scss file)

Cross-browser CSS3 mixins - includes all:
@import "compass/css3.scss";

Example of single case usage (In case you are only using a few CSS3 properties):

```
@font-face mixin:
@import "compass/css3/font-face"
```

Config File Properties You'll Want To Know

```
line_comments = false
output_style = :compact
(could be: :nested, :expanded, :compact, or :compressed)
```

Note: You might have to turn off compass watch in order for a change to the config to take place.

Go here for more:

<http://compass-style.org/docs/tutorials/configuration-reference/>

