

SCSS

Nesting Rules

```
header {  
  margin: 1em 0;  
  
  .logo {  
    float: left;  
    margin: 0 1.25em;  
  }  
}
```

CSS

```
header {  
  margin: 1em 0;  
}  
header .logo {  
  float: left;  
  margin: 0 1.25em;  
}
```



Reference Parent Selector with &

```
section.main a {  
  border-bottom: 2px solid #000;  
  color: #ff0000;  
  text-decoration: none;  
  
  &:hover {  
    border-color: $00ff00;  
    color: $ffff00;  
  }  
}
```

```
section.main a {  
  border-bottom: 2px solid #000;  
  color: #ff0000;  
  text-decoration: none;  
}  
section.main a:hover {  
  border-color: $00ff00;  
  color: $ffff00;  
}
```

Mixins

```
@mixin text-style {  
  font: 1em Arial, sans-serif;  
  margin: 1em 0;  
}
```

```
section.main p {  
  @include text-style;  
}
```

```
section.main p {  
  margin: 1em 0;  
  font: 1em Arial, sans-serif;  
}
```

Arguments

```
@mixin default-box  
($color, $display, $padding) {  
  background: $color,  
  display: $display;  
  margin: 5px 0;  
  padding: 5px $padding;  
}
```

```
header {  
  @include default-box(#333, block, 10px);  
}
```

```
header {  
  background: #333;  
  display: block;  
  margin: 5px 0;  
  padding: 5px 10px;  
}
```

SCSS

Variables

```
$primary-color: #cd669a;  
$accent: #689a9a;  
$font-sans: Helvetica, sans-serif;
```

```
h1 {  
  color: $primary-color;  
  font: $font-sans;  
}
```

```
header {  
  background-color: $accent;  
}
```

CSS

```
h1 {  
  color: #cd6699a;  
  font: Helvetica, sans-serif;  
}
```

```
header {  
  background-color: #689a9a;  
}
```



Interpolating Variables

```
$wk: -webkit-;
```

```
.round-box {  
  #{$wk}border-radius: 4px;  
}
```

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

Operations/Functions

```
a {  
  color: lighten(#cd669a, 50%);  
}
```

```
a {  
  color: #e2adc6;  
}
```

Example Operators

Arithmetic

+, -, *, /, %

Boolean

and, or, not

Color

lighten, darken

Comparison

< > <= >=

Equality

== !=

String

"hello , " + "world"

@extend

```
.error-message {  
  background: #fdd;  
  border: 1px solid #f00;  
}
```

```
.warning {  
  @extend .error-message;  
  border: 3px;  
}
```

```
.error-message,  
.warning {  
  background: #fdd;  
  border: 1px solid #f00;  
}
```

```
.warning {  
  border: 3px;  
}
```

Commenting

```
//comments only be visible in .scss
```

```
/*! multi-line will appear in .css */
```

```
/*! multi-line comment appear  
in .css */
```

@import

```
@import "reset.scss"
```