

Introduction to SASS



Paul Cheney

SPARTAN DESIGN UNIVERSITY

spartandesignuniversity.com



Agenda



Partials and Imports

Variables

Nesting

Mixins

Extend or Inheritance

Math Operations

Control Directives

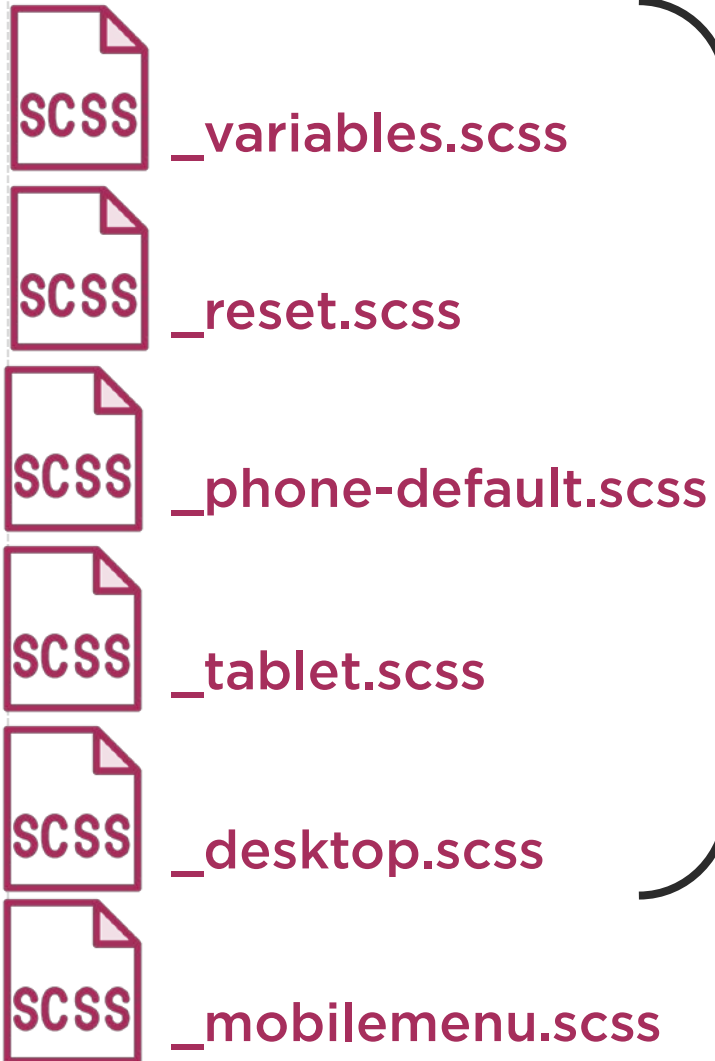


Sass

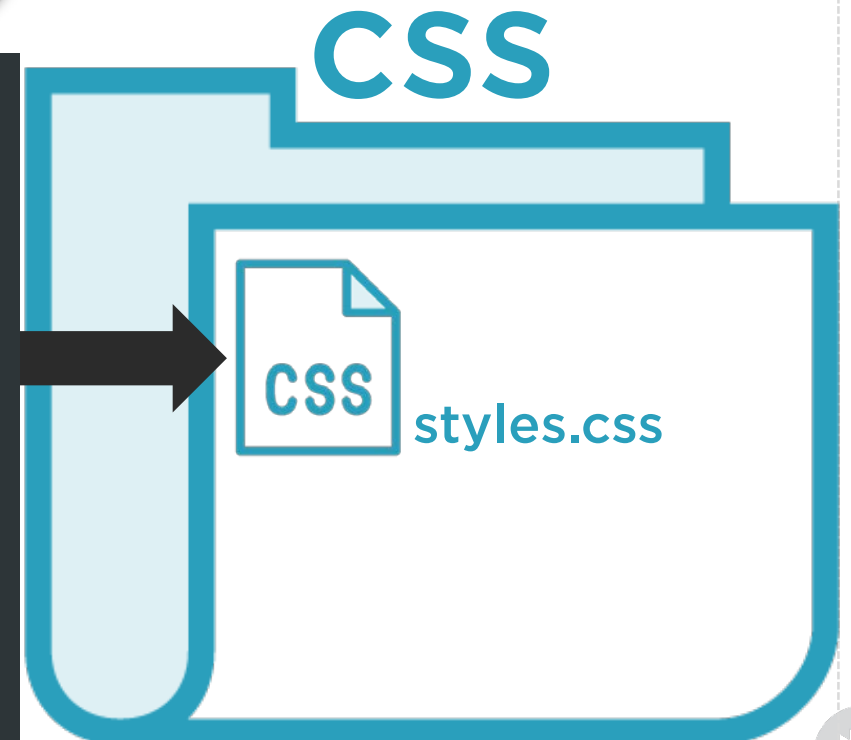
Partials and Imports



Partials and Imports



```
1 @charset "UTF-8";
2
3 @import "reset";
4
5 @import "variables";
6
7 @import "phone-default";
8
9 @import "tablet";
10
11 @import "desktop";
12
13 @import "mobilemenu";
```



Sass

Variables



Variables



\$orange: #f15b2a;

\$orange: #5c519d;



\$primary-color: #f15b2a;

\$primary-color: #5c519d;

Variables

```
/* COLORS */
```

```
$red: #FF0000; #FF6666;
```

```
$blue: #0000FF;
```

```
$page-title-color: $red;
```

```
$link-color: $blue; $red;
```

```
$menu-background: $red;
```

```
$footer-background: $blue;
```

```
/* FONT WEIGHT */
```

```
$normal: 400;
```

```
$heavy: 700;
```

```
/* GUTTER*/
```

```
$gutter: 2%;
```



Sass

Nesting



Nesting

```
nav {  
  ul {  
    list-style: none;  
  }  
  
  li {  
    float: left;  
  }  
  
  a {  
    display: block;  
    padding: .5em 1em;  
    text-decoration: none;  
  }  
} /* end nav */
```

```
nav ul {  
  list-style: none;  
}  
  
nav li {  
  float: left;  
}  
  
nav a {  
  display: block;  
  padding: .5em 1em;  
  text-decoration: none;  
}
```



Sass

Mixins



Mixin



```
@mixin its-name ($variable1) {  
  property: value;  
  property: $variable1;  
  property: value;  
}
```

```
$brown: #86461e;  
$orange: #ecbc4d;  
.button1 {  
  border-radius: 20px;  
  border: 1px solid #000;  
  width: 10em;  
  padding: .5em;  
  box-shadow: 2px 2px 10px #999;  
  text-align: center;  
  color: $brown;  
  background-color: $orange;  
}  
.button2 {  
  border-radius: 20px;  
  border: 1px solid #000;  
  width: 10em;  
  padding: .5em;  
  box-shadow: 2px 2px 10px #999;  
  text-align: center;  
  color: $orange;  
  background-color: $brown;  
}  
}
```

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Back to Top

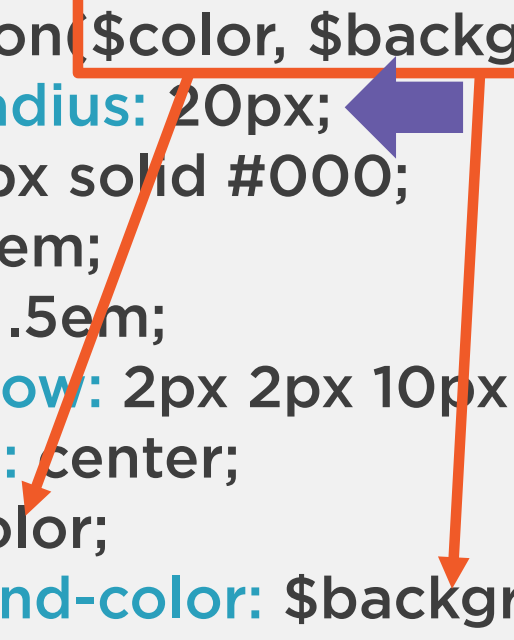


```
/* SCSS COLOR ASSIGNMENTS */
```

```
$brown: #86461e;
```

```
$orange: #ecbc4d;
```

```
@mixin button($color, $background) {  
  border-radius: 20px;  
  border: 1px solid #000;  
  width: 10em;  
  padding: .5em;  
  box-shadow: 2px 2px 10px #999;  
  text-align: center;  
  color: $color;  
  background-color: $background;  
}
```



```
.button1 {  
  @include button($brown, $orange);  
}
```

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```
.button2 {  
  @include button($orange, $brown);  
}
```

Back to Top

```
.button3 {  
  @include button(#F00, $EEE);  
}
```



```
.button1 {  
  border-radius: 20px;  
  border: 1px solid #000;  
  width: 10em;  
  padding: .5em;  
  box-shadow: 2px 2px 10px #999;  
  text-align: center;  
  color: #86461e;  
  background-color: #ecbc4d;  
}  
.button2 {  
  border-radius: 20px;  
  border: 1px solid #000;  
  width: 10em;  
  padding: .5em;  
  box-shadow: 2px 2px 10px #999;  
  text-align: center;  
  color: #ecbc4d;  
  background-color: #86461e;  
}
```

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Sass

Extend / Inheritance



Extend / Inheritance

```
.foo1 {  
  padding: .25em;  
  border: 1px solid #5c519d;  
  color: red;  
}
```

```
.foo2 {  
  @extend .foo1;  
  color: green;  
}
```

```
.foo1, foo2 {  
  padding: .25em;  
  border: 1px solid #5c519d;  
  color: red;  
}  
  
.foo2 {  
  color: green;  
}
```

hi

hi



Extend / Inheritance



```
%common {  
  padding: .25em;  
  border: 1px solid #5c519d;  
}
```

```
.foo1 {  
  @extend %common;  
  color: red;  
}
```

```
.foo2 {  
  @extend %common;  
  color: green;  
}
```

```
.foo1, foo2 {  
  padding: .25em;  
  border: 1px solid #5c519d;  
}
```

```
.foo1 {  
  color: red;  
}
```

```
.foo2 {  
  color: green;  
}
```

hi

hi



Sass

Math Operations



Math Operations

```
.width3 {  
  width: 3 / 12 ;  
}
```

```
.width3 {  
  width: 3 / 12 * 100%;  
}
```

```
.width3 {  
  width: .25;  
}
```

```
.width3 {  
  width: 25%;  
}
```



Math Operations

```
$gutter: 2%;
```

```
.graphic4 {  
  width: 4 / 12 * 100%;  
  float: right;  
}
```

```
.graphic4 {  
  width: (4 / 12 * 100%) - $gutter;  
  float: right;  
  margin-left: $gutter;  
}
```

```
.graphic4 {  
  width: .333333%;  
  float: right;  
}
```

```
.graphic4 {  
  width: .313333%;  
  float: right;  
  margin-left: 2%;  
}
```



Sass

Control Directives

if

for

each

while



Control Directives

```
$brown: #86461E;
```

```
@for $i from 1 through 6 {  
  $showmuch: $i*10%;  
  .shade#{ $i } { background-color: lighten($brown, $showmuch); }  
}
```

```
.shade1 { background-color: #b05c27; }  
.shade2 { background-color: #d27338; }  
.shade3 { background-color: #dc9061; }  
.shade4 { background-color: #e5ae8b; }  
.shade5 { background-color: #eecbb5; }  
.shade6 { background-color: #f8e8de; }
```



Wrap Up







Partials and Imports

Variables

Nesting

Mixins

Extend or Inheritance

Math Operations

Control Directives



Home

X-rays

X-rays are a vital and necessary part of dental diagnostic process. Without them, certain dental conditions can and will be missed. X-rays detect much more than cavities. With an x-ray the dentist can survey erupting teeth, diagnose bone diseases, evaluate the results of an injury, or plan orthodontic treatment. If dental problems are found and treated early, dental care is more comfortable and affordable. We are particularly careful to minimize the exposure of their patients to radiation. With contemporary safeguards, the amount of radiation received in a dental x-ray examination is extremely small. The risk is negligible. In fact, the dental radiographs represent a far smaller risk than an undetected and untreated dental problem. Lead body aprons and shields are used as a protection. We use digital equipment

Sports

Sports guards are not something we always think about when you or your child are out on the field. An athlete is 60 times more likely to suffer harm to the teeth. When choosing a sports guard, find one that fits properly and comfortable, is resilient and tear resistant, easy to clean and doesn't restrict speech or breathing. For more questions be sure to ask us at your next visit or call and make an appointment today.

Fluoride

Fluoride is a mineral that occurs naturally in all water sources, including the oceans. Research has shown that fluoride not only prevents cavities in children and adults, it also helps repair the early stages of tooth decay even before the decay is visible. During childhood, when teeth are still forming, fluoride works by making tooth enamel more resistant to the acid that causes tooth decay. For adolescents and adults, the benefits are just as great. Fluoride helps repair or re-mineralize areas where the acid attacks have already begun. For older adults, fluoride has been effective in reducing tooth decay along the gum line (often

Home

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Pregnancy?

During Pregnancy your hormone levels rise substantially.

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