



SASS, CSS dönüşümü için kullanılabilecek yöntemler





Vscode Extention Live Sass Compiler

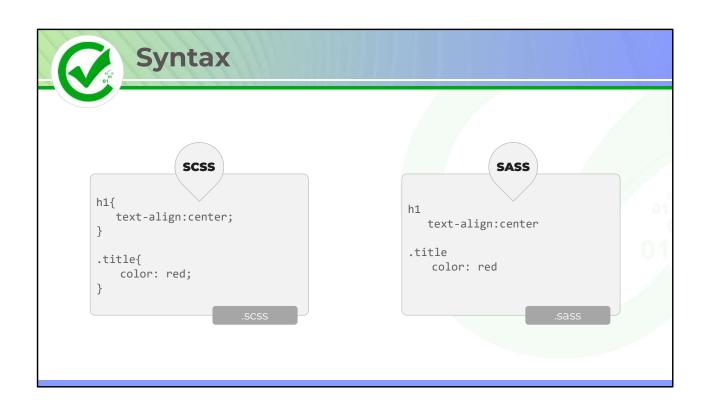


NPM Package npm i -g sass



Web Pack

sass source:destination
sass --watch soruce:destination





Style Rules

```
nav {
  ul {
    margin: 0;
    padding: 0;
    list-style: none;
}

li { display: inline-block; }

a {
    display: block;
    padding: 6px 12px;
    text-decoration: none;
}
}
```

```
nav ul {
  margin: 0;
  padding: 0;
  list-style: none;
}

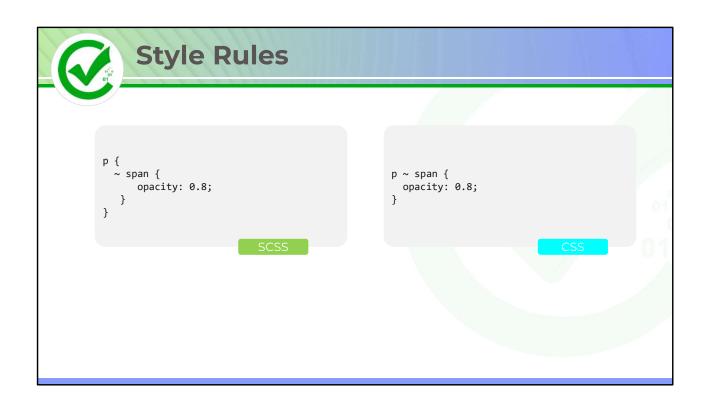
nav li {
  display: inline-block;
}

nav a {
  display: block;
  padding: 6px 12px;
  text-decoration: none;
}
```

```
.alert, .warning {
    ul, p {
        margin-right: 0;
        margin-left: 0;
        padding-bottom: 0;
    }
}

scss

.alert ul, .alert p, .warning ul,
.warning p {
    margin-right: 0;
    margin-left: 0;
    padding-bottom: 0;
}
```

```
.alert {
    color: red,
    font-weight: bold;
    text-decoration: none;
    &:hover {
        color: green;
    }
    &::before{
        content:"*";
    }
}
.alertf(
    color: red,
    font-weight: bold;
    text-decoration: none;
}

.alert:hover{
    color: green;
}
.alert:before{
    content:"*"
}

SCSS

CSS

CSS

CSS
```

\$base-color: #c6538c; \$border-dark: rgba(\$base-color, 0.88); \$bs: 0 0.5rem 1rem red; .alert { border: 1px solid \$border-dark; box-shadow: \$bs; } scss .alert { border: 1px solid rgba(198, 83, 140, 0.88); box-shadow: 0 0.5rem 1rem red; } scss css



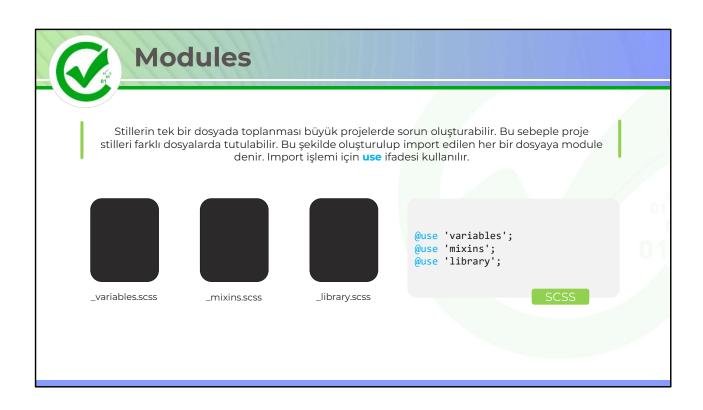
Interpolation

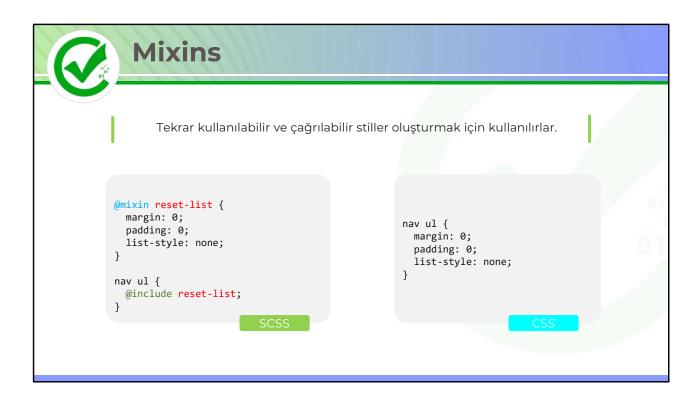
Bir sass ifadesini sass stilleri içine gömmek için kullanılır. Yapı itibariyle string literal lere benzer.

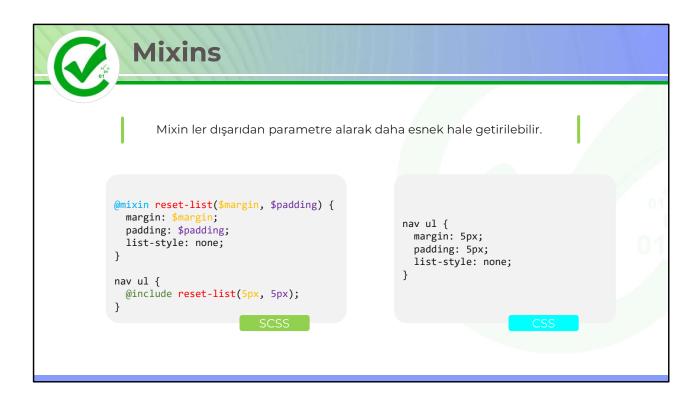
```
$name: mail;
$h-position: left;
$v-position: top;

.icon-#{$name} {
  background-image: url("/icons/#{$name}.svg");
  position: absolute;
  #{$h-position}: 0;
  #{$v-position}: 0;
}
```

```
.icon-mail {
  background-image: url("/icons/mail.svg");
  position: absolute;
  left: 0;
  top: 0;
}
```









Inheritance

Bir class ın sahip olduğu tüm özellikler, başka bir class a miras olarak aktarılabilir.

```
.button-basic {
  border: none;
  padding: 15px 30px;
  text-align: center;
  font-size: 16px;
  cursor: pointer;
}

.button-report {
  @extend .button-basic;
  font-size: 18px;
}
```

```
.button-report {
  border: none;
  padding: 15px 30px;
  text-align: center;
  font-size: 16px;
  cursor: pointer;
}
.button-report {
  font-size: 18px;
}
```

```
Conditional Statements
         Koşullara bağlı olarak stil oluşturmak için kullanılırlar
@mixin avatar($size, $circle: false) {
  width: $size;
  height: $size;
                                          .square-av {
                                           width: 100px;
  @if $circle {
                                            height: 100px;
    border-radius: $size / 2;
}
                                          .circle-av {
                                            width: 100px;
.square-av {
                                           height: 100px;
  @include avatar(100px, false);
                                           border-radius: 50px;
.circle-av {
  @include avatar(100px, true);
```

```
@if $direction == up {
    border-bottom-color: $color;
}
@else if $direction == right {
    border-left-color: $color;
}
@else if $direction == down {
    border-top-color: $color;
}
@else if $direction == left {
    border-right-color: $color;
}
@else {
    @error "Unknown direction #{$direction}.";
}
```



Loops

Döngü oluşturarak, belli değişimlere uygun olarak stil oluşturmak için kullanılır. For, while ve each döngüleri kullanılmaktadır.

```
ul:nth-child(3n + 1) {
   background-color: #004080;
}
ul:nth-child(3n + 2) {
   background-color: #004d99;
}
ul:nth-child(3n + 3) {
   background-color: #0059b3;
}
```