

Sass @mixin and @include

- description : Sass @mixin and @include
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Ref

Sass @mixin and @include

Sass Mixins

```
@mixin           CSS  
mixin      ( )      @include
```

Defining a Mixin

mixin @mixin

Sass @mixin Syntax

```
@mixin name {  
  property: value;  
  property: value;  
  ...  
}
```

“important-text” mixin

SCSS Syntax

```
@mixin important-text {  
  color: red;  
  font-size: 25px;
```

```
font-weight: bold;
border: 1px solid blue;
}
```

Tip:

Sass

```
@ mixin important-text { }      @ mixin important_text { } 가      mixin
!
```

Using a Mixin

```
@include      mixin
```

Sass @include mixin Syntax:

```
selector {
  @include mixin-name;
}
```

```
important-text minin
```

SCSS Syntax:

```
.danger {
  @include important-text;
  background-color: green;
}
```

```
Sass      CSS
```

CSS output

```
.danger {
  color: red;
  font-size: 25px;
  font-weight: bold;
  border: 1px solid blue;
  background-color: green;
}
```

```
mixin      mixin
```

SCSS Syntax

```
@mixin special-text {
  @include important-text;
  @include link;
  @include special-border;
}
```

Passing Variables to a Mixin

mixin (arguments) . . . mixin
 . . .
 mixin

SCSS Syntax

```
/* Define mixin with two arguments */
@mixin bordered($color, $width) {
  border: $width solid $color;
}

.myArticle {
  @include bordered(blue, 1px); // Call mixin with two values
}

.myNotes {
  @include bordered(red, 2px); // Call mixin with two values
}
```

, border ()
 . . .
 CSS

CSS Output

```
.myArticle {
  border: 1px solid blue;
}

.myNotes {
  border: 2px solid red;
}
```

Default Values for a Mixin

mixin

SCSS Syntax:

```
@mixin bordered($color: blue, $width: 1px) {
  border: $width solid $color;
}
```

, mixin

SCSS Syntax

```
.myTips {
  @include bordered($color: orange);
}
```

Using a Minin For Vendor Prefixes

mixin vendor prefixes()

SCSS Sybtax:

```
@mixin transform($property) {
  -webkit-transform: $property;
  -ms-transform: $property;
  transform: $property;
}

.myBox {
  @include transform(rotate(20deg));
}
```

, CSS

```
.myBox {
  -webkit-transform: rotate(20deg);
  -ms-transform: rotate(20deg);
  transform: rotate(20deg);
```

}

,, Sass, @mixin, and, @include

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