

# SASS

## VARIABLES

```
$primary-color: #333;

body {
  font: 100% $fontx-stack;
  color: $primary-color;
}

p {
  color: $primary-color;
}
```

## NESTED

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

  li { display: inline-block; }

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

## IMPORTs

base.scss

```
$font-stack: Helvetica, sans-serif;
$primary-color: #333;
```

**exo03.scss**

```
// exo03.scss

@use 'base'; // ou import "_base.scss";

.inverse {
  background-color: base.$primary-color;
  color: white;
}
```

# MIXIN

```
@mixin theme($theme: DarkGray) {  
  background: $theme;  
  box-shadow: 0 0 1px rgba($theme, .25);  
  color: #fff;  
}
```

```
.info {  
  @include theme;  
}  
.alert {  
  @include theme($theme: DarkRed);  
}  
.success {  
  @include theme($theme: DarkGreen);  
}
```

EXTENDS (héritage)

```
%message-shared {  
  border: 1px solid #ccc;  
  padding: 10px;  
  color: #333;  
}
```

// This CSS won't print because %equal-heights is never extended.

```
%equal-heights {  
  display: flex;  
  flex-wrap: wrap;  
}
```

```
.message {  
  @extend %message-shared;  
}
```

```
.success {  
  @extend %message-shared;  
  border-color: green;  
}
```

```
.error {  
  @extend %message-shared;  
  border-color: red;  
}
```

```
.warning {  
  @extend %message-shared;  
  border-color: yellow;  
}
```

# CALCULS

```
@use "sass:math";

.container {
  display: flex;
}

article[role="main"] {
  width: math.div(600px, 960px) * 100%;
}

aside[role="complementary"] {
  width: math.div(300px, 960px) * 100%;
  margin-left: auto;
}
```

## Exemple USE et MIXINS

src/\_colors.scss:

```
$accent-color: #535353;
@mixin dark-background {
  background-color: #000;
  color: #fff;
}
```

styles.scss:

```
@use 'src/colors';
body {
  color: colors.$accent-color;
}
.dark-region {
  @include colors.dark-background;
}
```