Sass / SCSS

A CSS preprocessor

Introduction to Sass / SCSS

- **Sass** is a CSS preprocessor

- With Sass, you can use features that don't exist in classical CSS like: variables, nesting, mixings, etc

- Learning SASS: Guide

- There's a slight variation from Sass preprocessor that is called **SCSS**

SCSS or Sass?

- ❖ **Differences between Sass and SCSS**

  - ➤ Sass and SCSS are different syntax for the same tool

  - ➤ Sass was the original syntax for this preprocessor and its first specification appeared in **Ruby**

  - ➤ But afterwards they created a new version, *Sassy CSS* = SCSS

  - ➤ SCSS is more similar to CSS and makes the transition easier for programmers

SCSS or Sass?

❖ **Advantages of SCSS**

➢ SCSS syntax it's more similar to CSS than Sass is

➢ In SCSS you still use curly braces { } (not in Sass)

➢ If you're new to Sass, it is recommended to using SCSS syntax. SCSS learning curve is less steep than with Sass

SCSS or Sass?

❖ **Advantages of Sass**

➢ Easier to write (no more curly braces and semicolons)

➢ Sass syntax enforces <u>clean coding standards</u> because it depends on <u>indentation</u>

➢ A wrong indent breaks the whole .sass stylesheet → makes sure the code is <u>clean</u> and <u>well formatted</u> at all times

SCSS Tutorial

Basic Tutorial of Sass/SCSS:

❖ Variables

➢ Used to store the most frequently used values

❖ Nesting

➢ Keeps your CSS organized and easy to understand

➢ Use the Parent Selector (&) while nesting

❖ Partials i Modules

➢ Easily separate your Sass/SCSS into different files

➢ **Warning**: Use @import → @use doesn't work!

SCSS Tutorial

- ❖ [Mixins](#)
  - ➤ We can put together many properties in a single line using a "function"

- ❖ [Extend](#)
  - ➤ It's similar to mixins
  - ➤ It's one of the best features of SCSS/Sass

- ❖ [Operators](#)
  - ➤ We can also use operations in the values SCSS/Sass properties

Sass: More Tutorials

➜ [Sass/SCSS official docs](#)

 ◆ Sass Reference

➜ [Learn Sass pro-logo (codeacademy.com)](#)

 ◆ With this tutorial you can learn the basic aspects of Sass

➜ [Exercises in basic Sass features (GitHub gist)](#)

 ◆ Another nice Sass Tutorial