

Sass Introduction

What is Sass?

- **Sass** stands for **S**yntactically **A**wesome **S**tylesheet
- Sass is an extension to CSS
- Sass is a CSS pre-processor
- Sass is completely compatible with all versions of CSS
- Sass reduces repetition of CSS and therefore saves time
- Sass was designed by Hampton Catlin and developed by Natalie Weizenbaum in 2006
- Sass is free to download and use

What You Should Already Know

Before you continue you should have a basic understanding of the following:

- HTML
- CSS
- JavaScript (Optional)

Why Use Sass?

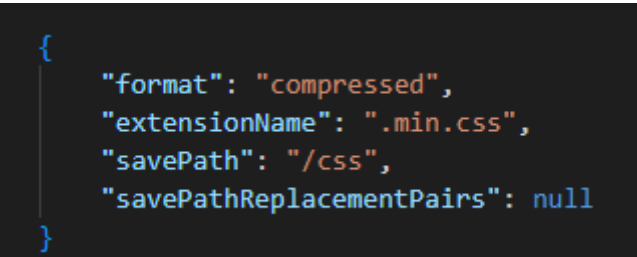
Stylesheets are getting larger, more complex, and harder to maintain. This is where a CSS pre-processor can help.

Sass lets you use features that do not exist in CSS, like variables, nested rules, mixins, imports, inheritance, built-in functions, and other stuff.

Sass Installation

1. VS Code Live Sass Compiler Extension

2. **Live Sass Compile** > Settings: **Include Items**

3. 

```
{
  "format": "compressed",
  "extensionName": ".min.css",
  "savePath": "/css",
  "savePathReplacementPairs": null
}
```

4. Sass Variables

5. Sass Nested Rules

6. @import "colors";

```
7. @mixin design($color){
    width: 200px;
    height: 150px;
    margin: 10px;
    background-color: $color;
}
.container{
    .one{
        @include design(■ red);
    }
    .two{
        @include design(■ blue);
    }
}
```

8. @extend .class;

9. Sass Functions

Junait Islam Shipon

Junait Islam Shipon is a highly skilled and experienced web developer and IT professional with over 9 years of experience in the field. He is proficient in a range of programming languages such as HTML, CSS, Bootstrap, Sass, JavaScript, jQuery, PHP, SQL, MySQL, WordPress and Laravel, and has expertise in web design, web development, graphic design, and video editing. In addition to his work in IT, Junait has also served in the Bangladesh Army for 4 years. Currently, Junait works as a Senior Admin Officer at Aricho IT Company where he is responsible for web development and programming, as well as teaching web development to others. He is a skilled programmer, a talented graphic designer, and a proficient video editor. Over the years, Junait has worked on numerous local and international projects and has earned a reputation as a reliable and dedicated IT professional. His clients have been highly satisfied with his services, which has helped him establish a loyal client base.

Email: junaitshipon@gmail.com

Phone Number: +8801885655997

Website: <https://junait.com>

