**SASS Notes**

these notes are not exhaustive, but they are basically all I will need

**Installing SASS**

<https://www.youtube.com/watch?v=u7Ud-kxG10A>

go to <https://github.com/sass/dart-sass/releases/tag/1.35.1>

click dart-sass-1.35.1-windows-x64.zip

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find the downloaded file in the download folder

extract into programs file 86

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type path in windows search and open environment variables

Graphical user interface, application

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double click path

Graphical user interface, text, application

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click new and enter address of the extracted sass file

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open cmd prompt

sass --version gives us the sass version

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cd into dir with scss file and type sass --watch NAME\_OF\_SCSS\_FILE.scss: NAME\_OF\_CSS\_FILE.css to keep track of changes in scss to be made in css



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**Comments**

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**Variables**

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**Data Types**

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**Arithmetic Operators**

- follows BEDMAS

- notice 4px +2 is the same as saying 4px+2px. Similarly, 25%+25 is the same as 25% + 25%

- note that font-size specifically, we must have () so we cannot say h3 font-size: 10/2;

scss css

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**Nesting Styles**

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**String Concatenation**

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**& Sign**

wherever you see a &, replace it with the parent name. Basically, & = parent name

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**Partials**

Partials allow for modules

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(note we can also do the following)

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**Mixins**

Mixins makes groups of css declarations that we want to reuse

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**mixins with arguments**

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**mixins with default values**

scss

Text

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css, notice the width is 1in even though we didn’t input it as an argument. As well, notice we could pass in arguments by declaring them

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**Inheritance**

scss css

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**lighten color:**

the second number is hwo much to lighten, the greater the number the more light it becomes

Graphical user interface

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