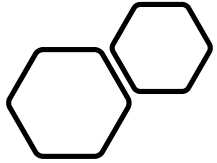


Sass

- modularisation / partials
- nesting
- variables
- includes
- mixins
- extends







# Make sass work on your computer

## Visual Studio Code

<https://code.visualstudio.com/docs/languages/css>

## → Windows Linux Subsystem (WLS)

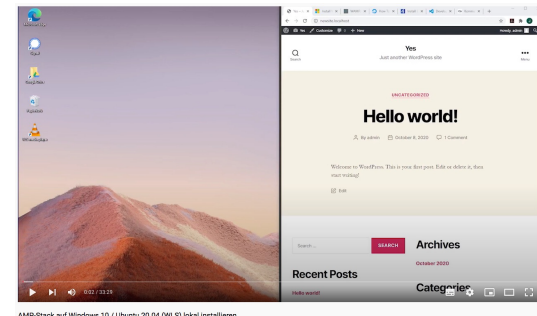
<https://youtu.be/VH0HCaWfWDw>

## Dependency: node

<https://nodejs.org/en/download/>



*Sass*



AMP-Stack auf Windows 10 / Ubuntu 20.04 (WLS) lokal installieren

## CSS sanity

```
*, *:after, *:before {  
  box-sizing: border-box;  
}
```

## CSS/SCSS maxwidth-container

```
.maxwidthcontainer {  
  max-width: 80em;  
  margin: 0 auto;  
  padding: $standardp;  
}
```

## SASS Basics

```
@function pem($px, $base: 16) {  
  @return ($px / $base) + em;  
}  
  
@function rem($px, $base: 16) {  
  @return ($px / $base) + rem;  
}  
  
@mixin breakpoint($min, $max: 0) {  
  @if $max == 0 {  
    @media ( min-width: rem($min) ) {  
      @content  
    }  
  } @else {  
    @media ( min-width: rem($min) ) and ( max-width: rem($max) ) {  
      @content  
    }  
  }  
}  
  
@mixin hidden {  
  display: none;  
  visibility: hidden;  
}
```

# Frontend snippets

## frontend-snippets.md

<https://gitlab.mediacube.at/fhs41127/cms-2022/-/blob/master/frontend-snippets.md>

## including CSS Reset

<https://meyerweb.com/eric/tools/css/reset/>

# Flexbox & Grid

- <https://css-tricks.com/snippets/css/a-guide-to-flexbox/>
- <https://css-tricks.com/snippets/css/complete-guide-grid/>



# Repo & Folder structure

Use the `project/`-folder in our CMS repo.

All (links to) assets are located in `project-assets/`.

`cms-2023-static-nachname1_nachname2`

```
├── dist
├── src
│   ├── index.html
│   ├── favicons
│   ├── fonts
│   ├── images
│   ├── js
│   └── sass
```



**PHP** (or any other programming language or your build tool) for  
partials ( `include` / `require_once` )

a **static site generator** for more content ('content  
management')

eg. <https://www.11ty.dev/>

Add a **GUI** for data management ('**headless**')

eg. <https://strapi.io/> ('headless')

Use an integrated solution ('**classic CMS**')

eg. <https://developer.wordpress.org/>

Develop a **custom made CMS** tailored to the specific use case  
of your client

eg. with <https://symfony.com/>, <https://laravel.com/>,  
<https://rubyonrails.org/>, <https://www.gatsbyjs.com/> ...

# So many options to go from static to CMS



Icon von flaticon/Darius Dan