# CSS Variables (Custom Properties)

Good for reusable variables all over the palce.

Define a scope for variables

--light-color: #f4f4f4 declaration

Have a single place to update the variables.

Have a scope

:root{

-- variables in the root can be used all over the page.

--primary-color: steelblue;

--secondary-color:skyblue;

}

Using these variables

Header{

Background-color: var(--primary-color);

Color: whilte

}

# Animation

Pixel, position, opacity

Animation name speed fill

## Keyframes:

Animation-name: animate1; need to create keyframe called aimate1

Animation-duration:2s; infinite

Animation-fil-mode

Animation-delay

Animation-direction: alternate-reverse

Amimation-timing-function: ease-in

**@keyframes animate1**{

From {

Width 200px;}

To {

Widt: 600px;

}

We cab use percentages for each time duration

25%{

Top:0

Left:300px

Background

}

50%{

Top

Jnjn

## Transitions

.box{

Transition-property: background;

Transition-duration: 2s;

Transition-delay;

Transition-timing-fucntion: ease in out

Shortcut: transition: background 2s ease-in-out

}

. box:hover{

Background: red

}

## Transform property

# GRIDS

2 dimentional layout

Rows \* columns

Can span items into multiple rows and columns, cannot do in flexbox