# Fundamentos HTML & CSS

KEEPCODING
Tech School

# CSS

CSS is a language for specifying how documents are presented to users — how they are styled, laid out, etc.

# CSS Syntax

# CSS syntax

```
h1 {

color: red;

    }
```

**1. Selector**

*What are you selecting? What element do you want to apply CSS to e.g. H1.*

**2. Property**

*What's the property? What are you trying to change? E.g. 'color'*

**3. Value**

*What's the value? Properties have specific values that are applicable e.g. red.*

# How to use it?

# How to use it?

- Inline styles (not recommended)
- <head><style></style></head> tag
- External files <link />

# CSS basic

# Selectors

p { }

#id{ }

.class{ }

* { }

[attribute] { }

# colors

Sistemas de colores

- names
- rgb() -red, green, blue
- hexadecimal (#)
- hsl()

Transparencia canal alfa entre 0 (transparente) y 1 (opaco)

- rgba()
- hsla()
- Opacity

# font properties

- font-style
- font-weight
- font-size
- font
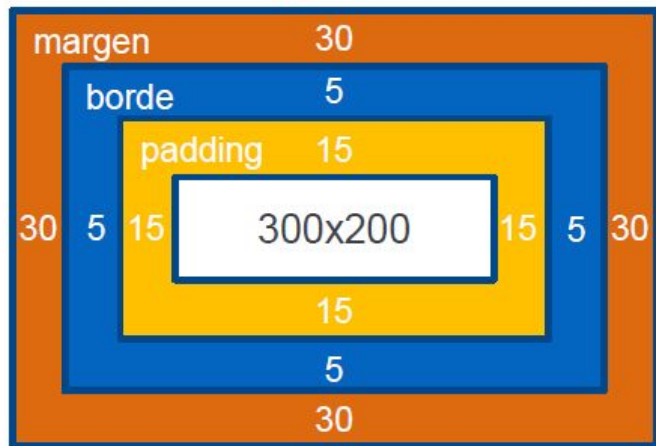- text-decoration
- text-transform
- line-height
- text-align

# font sizes

- Absolutes
  - px
  - cm
  - in
  - pt. ipt = 1/72in
- Relatives
  - em
  - rem
  - vw
  - vh
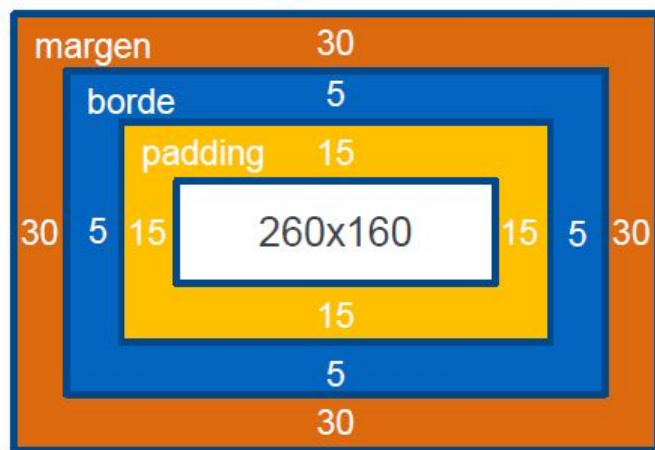  - %

# box model

box-sizing: content-box;
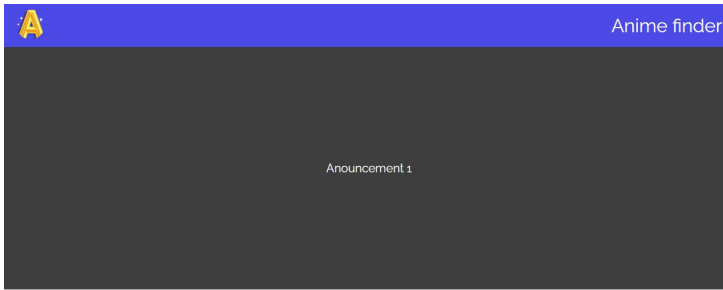
margen 30
borde 5
padding 15
30 5 15 300x200 15 5 30
15
5
30

box-sizing: border-box;

margen 30
borde 5
padding 15
30 5 15 260x160 15 5 30
15
5
30

```css
.container {
    width: 300px;
    height: 200px;
    padding: 15px;
    border: 5px solid gray;
    margin: 30px;
}
```

# anime finder

Anouncement 1

● ● ●

**find your favorite anime**

Genres

action

Search

search favorite anime

search

▼ Animes en emision

Detective conan

Full metal

Kill la Kill

shingeky no kiojin

**show list**


Attack on Titan Season 3 Part 2


Steins;Gate


FLCL


THE END OF EVANGELION


K-ON!!
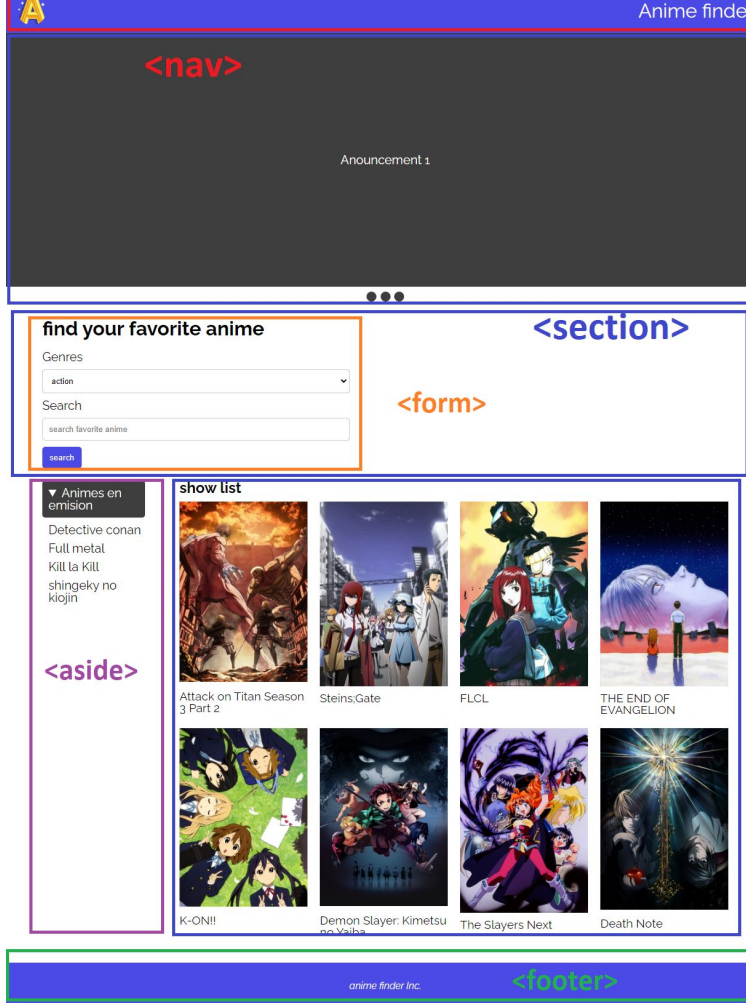

Demon Slayer: Kimetsu no Yaiba


The Slayers Next


Death Note

*anime finder Inc.*

**&lt;nav&gt;**

Anouncement 1

• • •

**&lt;section&gt;**

**find your favorite anime**

Genres

action

Search

search favorite anime

search

**&lt;form&gt;**

▼ Animes en emision

Detective conan
Full metal
Kill la Kill
shingeky no kiojin

**&lt;aside&gt;**

**show list**

Attack on Titan Season 3 Part 2

Steins;Gate

FLCL

THE END OF EVANGELION

K-ON!!

Demon Slayer: Kimetsu no Yaiba

The Slayers Next

Death Note

anime finder Inc.

**&lt;footer&gt;**

# show list

<article>

<figure>

Attack on Titan Season 3
Part 2

Steins;Gate

<figcaption>

anime finder Inc.

**<footer>**

# variables

```css
element {
  --main-bg-color: brown;
}
```
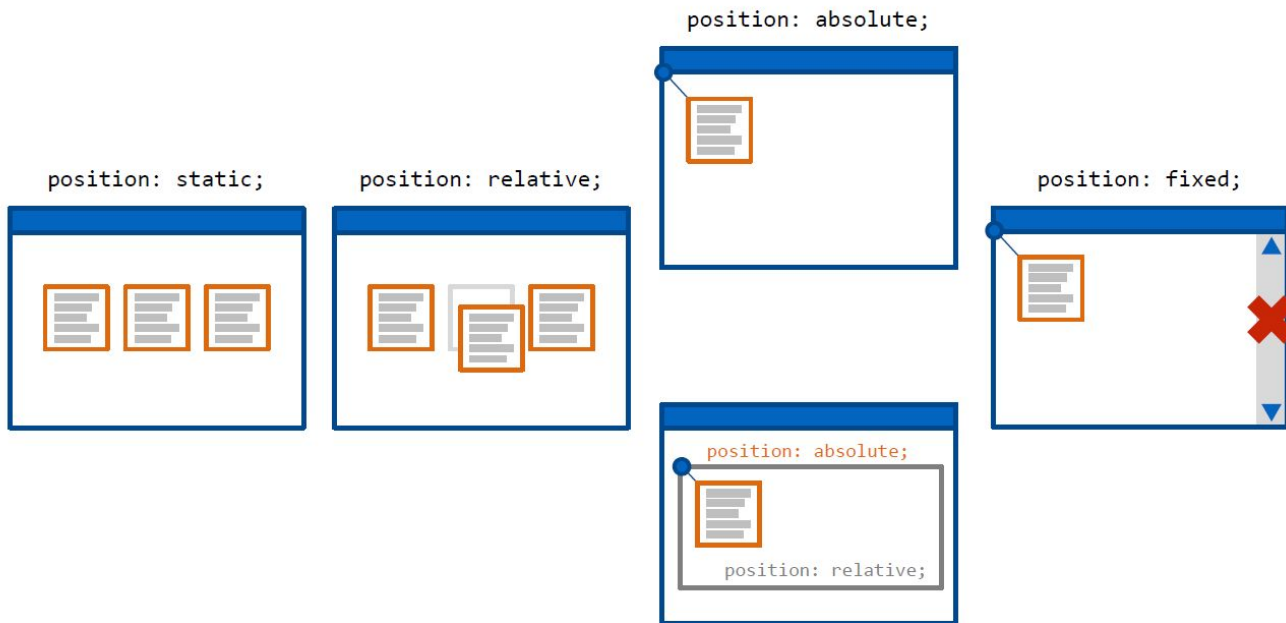
```css
:root {
  --main-bg-color: brown;
}
```

# display

- block
- inline-block
- none

# Anime finder

# position

- absolute
- fixed
- static
- relative

# Flexbox

https://css-tricks.com/snippets/css/a-guide-to-flexbox/

# find your favorite anime

Genres

action ⌄

Search

search favorite anime

**search**

<form>

# fonts

Google Fonts



100% Free For Commercial Use.
FONT SQUIRREL

# media queries

Media queries are useful when you want to modify your site or app depending on a device's general type (such as print vs. screen) or specific characteristics and parameters (such as screen resolution or browser viewport width).

# media queries

- type

```
@media screen, print { ... }
```
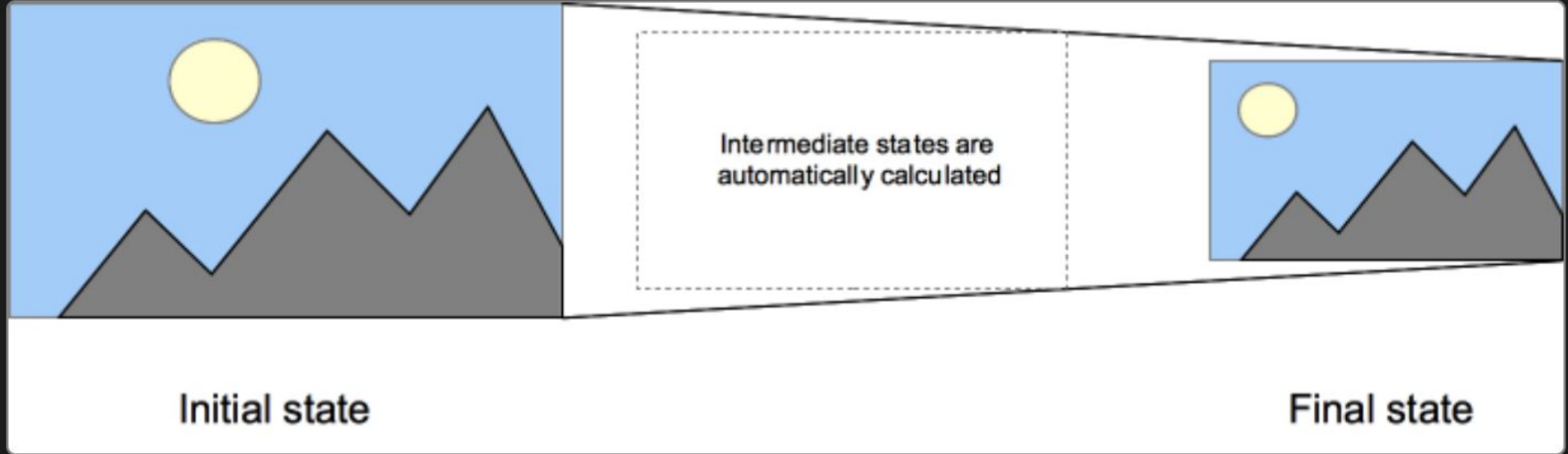
- [features](#)

```
@media (max-width: 12450px) { ... }
```

# Grid

https://css-tricks.com/snippets/css/complete-guide-grid/

# Transitions

Initial state — Intermediate states are automatically calculated — Final state

```css
#delay {

    font-size: 14px;

    transition-property: font-size;

    transition-duration: 4s;

    transition-delay: 2s;

}


#delay:hover {

    font-size: 36px;

}
```

https://matthewlein.com/tools/ceaser

# animations

An animation lets an element gradually change from one style to another.

You can change as many CSS properties you want, as many times as you want.

To use CSS animation, you must first specify some keyframes for the animation.

Keyframes hold what styles the element will have at certain times.

```css
/* The animation code */
@keyframes example {
  from {background-color: red;}
  to {background-color: yellow;}
}

/* The element to apply the animation to */
div {
  width: 100px;
  height: 100px;
  background-color: red;
  animation-name: example;
  animation-duration: 4s;
}
```

# KEEPCODING
## Tech School

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