9 **CSS TIPS** I WANT TO SHARE

# WRITE CSS LIKE A PRO!

Some really important CSS tips to follow! →

TIP 01

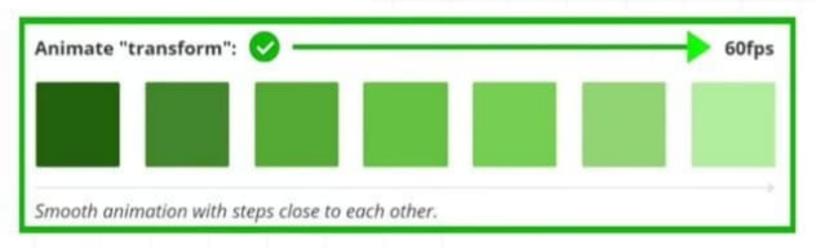It's always better to use :not in such cases

```css
.nav li {
    border-right: 1px solid #666;
}
.nav li:last-child {
    border-right: none;
}
```
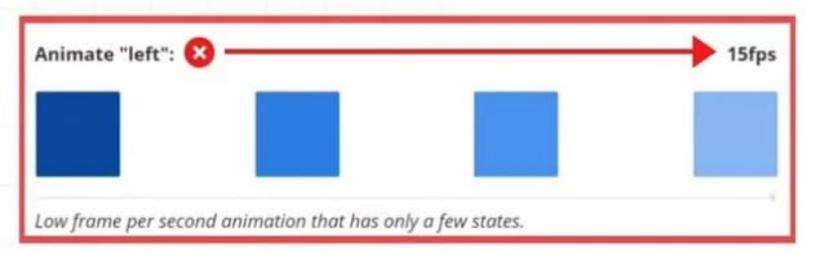
```css
.nav li:not(:last-child) {
    border-right: 1px solid #666;
}
```

**TIP 02**

# Inefficient animations, try using transform for animations

If you change the **"left"** property of an absolute element, you will be **utilizing the CPU** to calculate. However, if you use **transform**, then it would be the GPU. **And the GPU as we all know is better to do graphics.**

Animate "transform": ✓ ———————————————▶ 60fps

*Smooth animation with steps close to each other.*

Animate "left": ✗ ———————————————▶ 15fps

*Low frame per second animation that has only a few states.*

**TIP 03**

# Always prefer using CSS variables for big Apps

```css
body {
    background-color: #1e90ff;
}
h2 {
    border-bottom: 2px solid #1e90ff;
}
.container {
  color: #1e90ff;
  background-color: #ffffff;
}
```

```css
:root {
  --blue: #1e90ff;
  --white: #ffffff;
}
body {
  background-color: var(--blue);
}
h2 {
  border-bottom: 2px solid var(--blue);
}
.container {
  color: var(--blue);
  background-color: var(--white);
}
```

TIP 04

# Using Shorthands could be good sometimes.

```css
.article-container {
  padding-top: 10px;
  padding-bottom: 20px;
  padding-left: 15px;
  padding-right: 15px;
  margin-top: 10px;
  margin-bottom: 10px;
  margin-left: 15px;
  margin-right: 15px;
  border-width: 1px;
  border-style: solid;
  border-color: black;
}
```

```css
.article-container {
  padding: 10px 15px 20px 15px;
  margin: 10px 15px;
  border: 1px solid black;
}
```

TIP 05

## Try giving proper and relatable names to classes & id's

```
// BAD NAMING

.p {
  // Rules
}
.myFirstForm {
  // Rules
}
```

```
// GOOD NAMING

.article-paragraph {
  // Rules
}
.contact-form {
  // Rules
}
```

TIP 06

## Always reset default values, at the start.

```
h1 {
  margin: 0;
  padding: 0;
}
a{
  margin: 0;
}
```

```
* {
  box-sizing: border-box;
  margin: 0;
  padding: 0;
}
```

TIP 07

# Avoid using !important tag

The **!important** tag has the highest specificity of all CSS selectors.

```
!important
```

The only way to override an important tag is to use **another important tag.** And this leads to using more and more important tags.

The problem is, this starts to create a **domino effect** that rapidly turns into a **maintenance nightmare**, as more and more things are declared **!important.**

*Only use !important when it's absolutely necessary.*

**TIP 08**

# USING REM,EM UNITS INSTEAD OF PX

```css
p {
    font-size: 16px;
    line-height: 20px;
    margin-bottom: 8px;
}
```

```css
body {
    font-size: 16px;
}
p {
    font-size: 1rem;
    line-height: 1.25;
    margin-bottom: 0.5em;
}
```

TIP 09

*DON'T REPEAT YOURSELF

# USE DRY* CODE

❌

```css
.menu li {
  color: red;
}
.menu li a {
  color: red;
}
```

✅

```css
.main li, .main li a {
  color: red;
}
```