

# 7 Most Important CSS Concepts To Learn



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# Hey Everyone 🙌

If you are **just starting out**, learn the following **CSS concepts** to **gain a strong foundation**.

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1

# The CSS Cascade

As the name suggests, Stylesheets **cascade** (top to bottom).

- This means that the **order of CSS** rules **matter** and when two rules apply that have equal specificity the one that comes **last in the CSS** is the one that will be **used**.

2

# Inheritance

**Inheritance** is the way that **CSS** properties are **passed down** from **parent** to **child** elements.

- If a property is **not specified** on an element, it will **inherit the value** from its **parent**.

## 3

## Display & Positioning

The **display** property specifies the **display behavior** of an element.

- The **six** display options are: **block**, **inline**, **list-item**, **table**, **inline-block**, and **none**.

The CSS **position property** sets how an element is **positioned in a document**.



## 4

## The CSS Box Model

The **box model** is a way of representing HTML **elements as boxes**.

- There are **six properties** that make up the box model: **width**, **height**, **padding**, **borders**, **margin** and **content**.

## 6

## Grid systems

You can use **two** different **grid systems** in CSS,: **Grid** and **Flexbox**.

- Grid systems are a **great way** to create **responsive layouts**.
- By **understanding both** of these grid systems, you can create layouts that **look good on all devices**.

5

## Media Queries

Media queries **allow you** to specify **different styles** for **different screen** sizes and **devices**.

- You can **use** them to **create layouts** that **look good** on all devices or target **specific devices** with tailored styles.



## 7

## Specificity

As **multiple rules** apply to an element conflicting rules are **sorted** and **applied** by **specificity**.

- **Each selector** has a different **specificity ranking** which are:
  - a. **Id's**
  - b. **Class and Pseudo Class's**
  - c. **Element selectors**