



04



# Web Design and Development for Multimedia

7192301



Week 4

CSS3 and Visual Styling

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# Topic

- CSS syntax, selectors, and properties
- Layout with Flexbox and Grid
- Applying color, typography, and spacing

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# CSS syntax, selectors, and properties

## Web-Based Platform



## CSS Syntax

**Selector**

**Declaration Block**

**Property**

**Value**

**Semicolon**

# CSS syntax, selectors, and properties

## CSS Selectors

Type Selector

Class Selector

ID Selector

Universal Selector

Attribute Selectors

Descendant Selector

Child Selector

## CSS Properties

Text Styling

Box Model

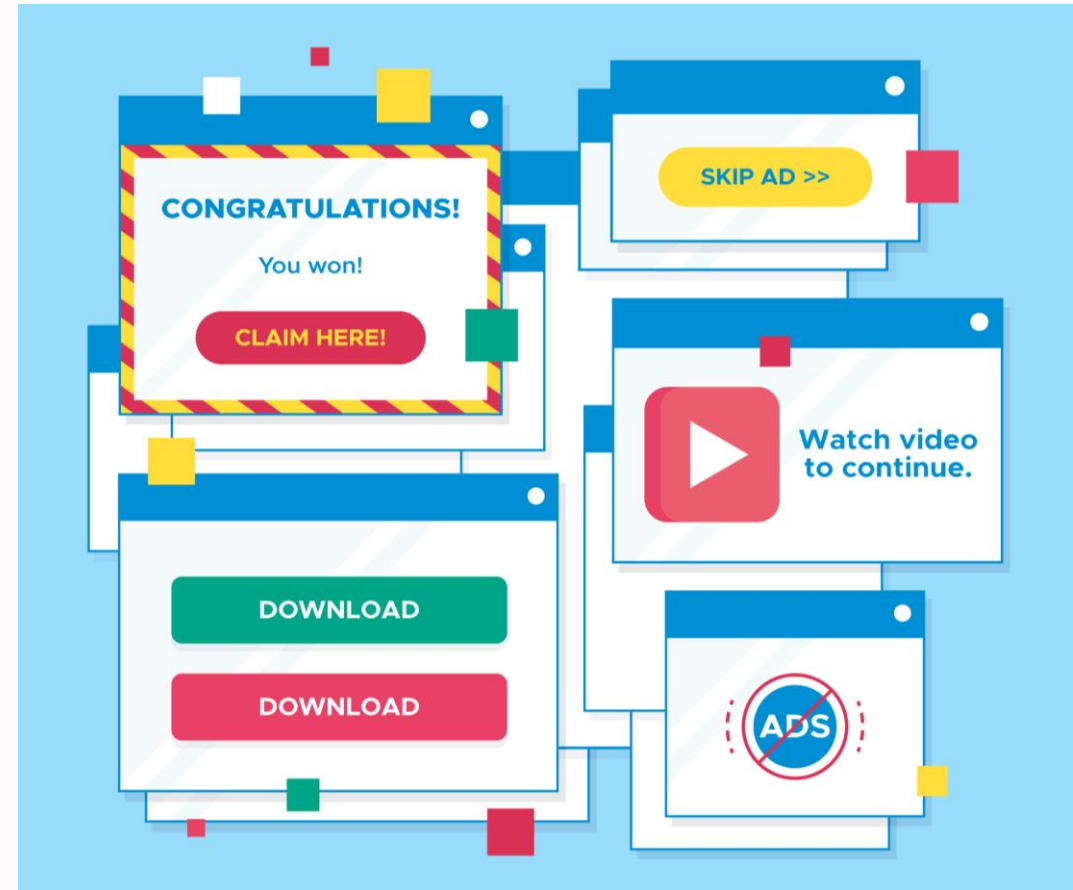
Backgrounds

Layout

Visual Effects

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# Layout with Flexbox and Grid



# Layout with Flexbox and Grid

**Best for:** Distributing space and aligning items in a single dimension. It's ideal for smaller UI components, like a navigation bar or a set of buttons.

**How it works:** You set a container to display: flex; and then control the layout of its children (flex items) along one axis, either a row or a column.

**Key characteristic:** Handles layout in one direction at a time.

# Applying color, typography, and spacing



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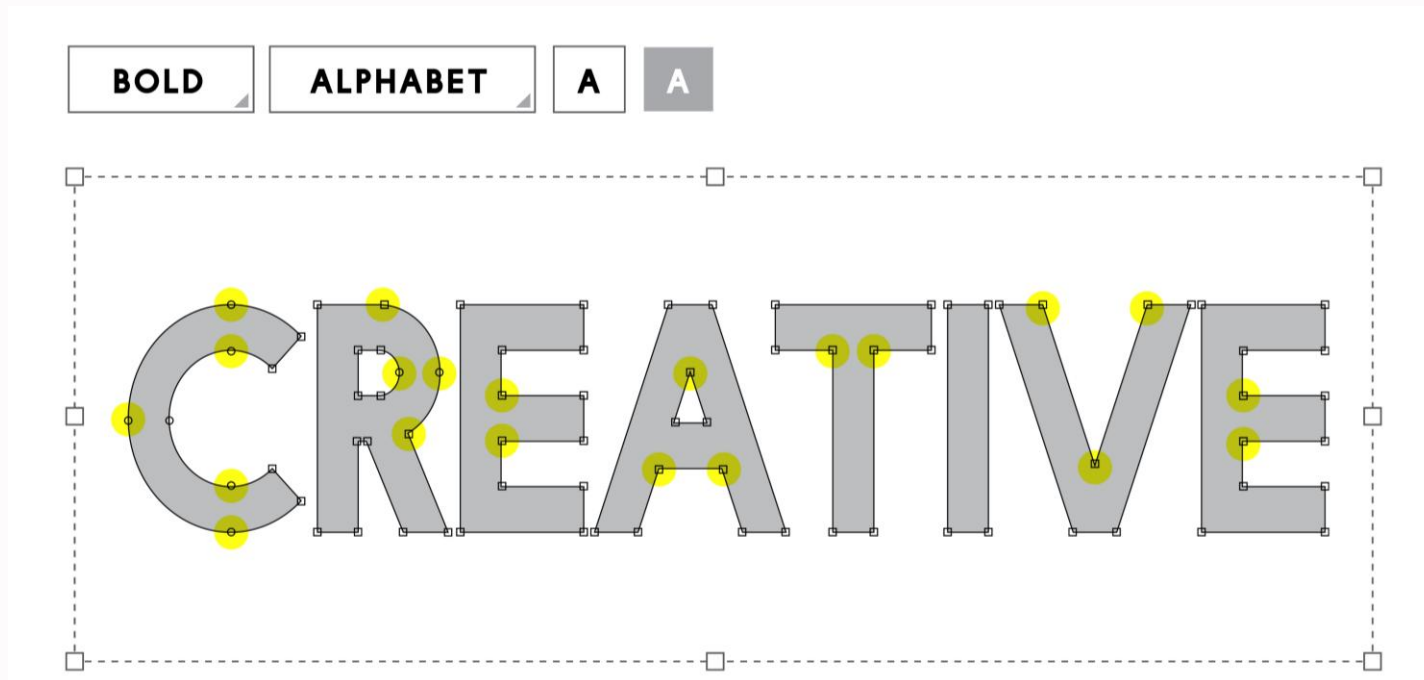
Create a color palette

Ensure contrast

Use color psychology

Apply colors strategically

# Applying color, typography, and spacing



Choose typefaces carefully

Establish a clear hierarchy

Adjust spacing

Kerning

Leading

Tracking

Ensure readability

Applying spacing

Use white space effectively

Maintain consistency

Create clear separation

Follow accessibility guidelines

## Activity

Style a web page using an external CSS file. 4



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