

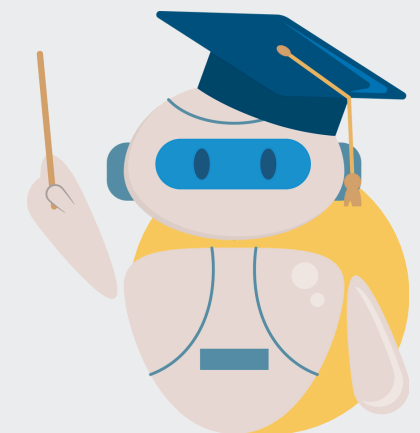


Page Layouts



What is a Page Layout?

A page layout is how different elements like text, images, buttons, and other content are arranged on a web page. Good layout helps people understand and enjoy what they see. It makes the page look clean, balanced, and easy to use. web developers use CSS (Cascading Style Sheets) to create layouts.



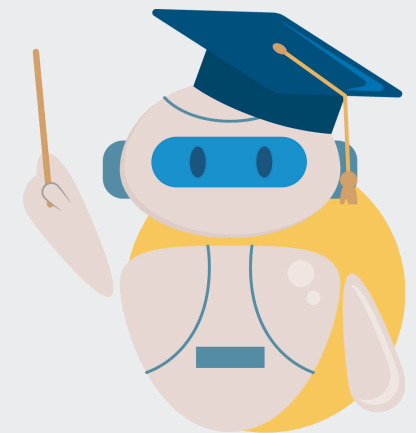


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Why is Page Layout Important?

- It helps organize information clearly.
- It makes content easier to read and understand.
- It guides the viewer's eyes in a natural way.
- It improves the user experience on websites and apps.



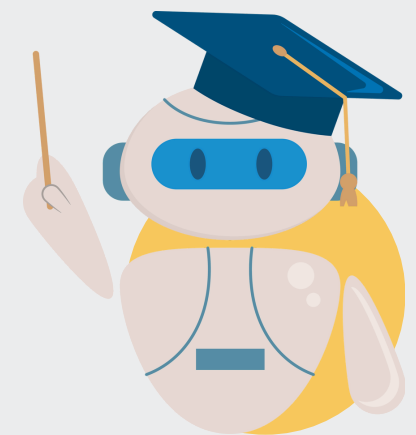


Page Layouts



Basic Parts of a Page Layout

1. Header – Top section with a logo, title, or menu.
2. Navigation Bar – Helps users move through a website.
3. Main Content Area – The place where the text, pictures, and main information go.
4. Sidebar – An optional side area for extra links or tools.
5. Footer – The bottom section, often with contact info or links
6. Margins and Padding – Space around and inside elements to prevent crowding.





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Common Layout Types

1. Single-Column Layout

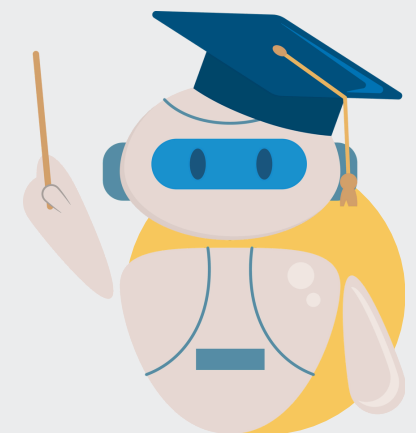
- All content in one vertical line.
- Great for mobile devices and reading.

2. Multi-Column Layout

- Content split into 2 or 3 columns.
- Used in newspapers or blogs.

3. Grid Layout

- Uses rows and columns to place content.
- Makes pages look neat and balanced.



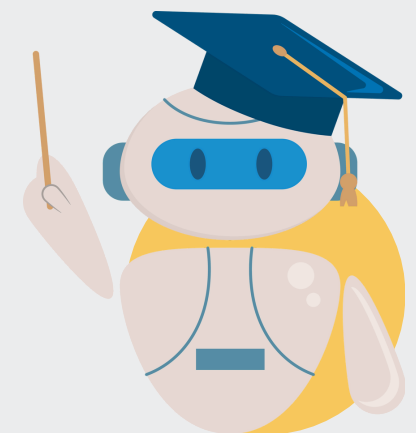


Page Layouts



Two of the most powerful layout systems are Flexbox and Grid.

- CSS Flexbox Flexbox is short for “Flexible Box.” It is great for arranging items in a row or a column. It’s responsive, meaning it works well on all screen sizes. Flexbox Features:
- Align items horizontally or vertically
- Control spacing easily
- Wrap items to the next line when needed Example: When to Use Flexbox:
- Arranging items in a row or column (ONE DIRECTION)





Page Layouts



Two of the most powerful layout systems are Flexbox and Grid.

- CSS Grid is more powerful than Flexbox when it comes to building full page layouts. It uses rows and columns, like a table. Grid Features:
- Design complex layouts easily
- Create rows and columns
- Place items precisely
- When to Use Grid:
- For page sections (header, sidebar, main, footer)
- Complex layout structures

