

Topic/Title:



CSS Flexbox || CSS flex-direction || Flex-wrap ||

Keywords/Questions:

Notes:

CSS Flexbox, short for Flexible Box Layout, offers a streamlined way to design adaptable and visually appealing layouts. It works primarily in one dimension (row or column) to intelligently distribute space among elements within a container, resulting in clean alignment and responsive designs suitable for various screen sizes. Flexbox is perfect for crafting both smaller components and overall webpage structures.

Before the Flexbox Model:

Block: Sections in web pages

Positioned: Explicit position of an element

Inline: Text

Table: Two-dimensional table data

The flex-direction property specifies the direction of the flexible items.

Note: If the element is not a flexible item, the flex-direction property has no effect.

flex-direction: row | row-reverse | column | column-reverse | initial | inherit;

flex-wrap: nowrap | wrap | wrap-reverse | initial | inherit;

nowrap: Default value. Specifies that the flexible items will not wrap

wrap: Specifies that the flexible items will wrap if necessary

wrap-reverse: Specifies that the flexible items will wrap, if necessary, in reverse order

The justify-content property aligns the flexible container's items when the items do not use all available space on the main-axis (horizontally).

Tip: Use the align-items property to align the items vertically.

flex-start: Default value. Items are positioned at the beginning of the container

flex-end: Items are positioned at the end of the container

center: Items are positioned in the center of the container

space-between: Items will have space between them

space-around: Items will have space before, between, and after them

justify-content: flex-start | flex-end | center | space-between | space-around | space-evenly | initial | inherit;

The align-items property specifies the default alignment for items inside a flexbox or grid container.

Summary:

A complete guide to flex box: <https://css-tricks.com/snippets/css/a-guide-to-flexbox/>

