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flex-flow

The `flex-flow` CSS shorthand property specifies the direction of a flex container, as well as
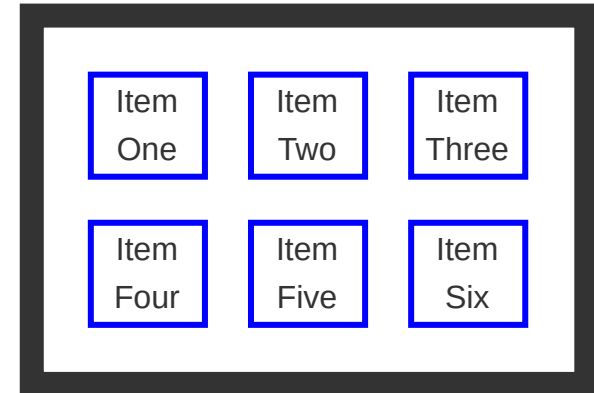
its wrapping behavior.

CSS Demo: flex-flow

Reset

flex-flow: row wrap;

flex-flow: row-reverse nowrap;

flex-flow: column wrap-reverse;

flex-flow: column wrap;

| Item One | Item Two | Item Three |
| Item Four | Item Five | Item Six |

Constituent properties

This property is a shorthand for the following CSS properties:

- `flex-direction`

- `flex-wrap`

Syntax

```css
/* flex-flow: <'flex-direction'> */
flex-flow: row;
flex-flow: row-reverse;
flex-flow: column;
flex-flow: column-reverse;

/* flex-flow: <'flex-wrap'> */
flex-flow: nowrap;
flex-flow: wrap;
flex-flow: wrap-reverse;

/* flex-flow: <'flex-direction'> and <'flex-wrap'> */
flex-flow: row nowrap;
flex-flow: column wrap;
flex-flow: column-reverse wrap-reverse;

/* Global values */
```

```css
flex-flow: inherit;
flex-flow: initial;
flex-flow: unset;
```

Values

See `flex-direction` and `flex-wrap` for details on the values.

Formal definition

Initial value	as each of the properties of the shorthand: • `flex-direction`: `row` • `flex-wrap`: `nowrap`
Applies to	flex containers
Inherited	no
Computed value	as each of the properties of the shorthand: • `flex-direction`: as specified • `flex-wrap`: as specified
Animation type	discrete

Formal syntax

```
<'flex-direction'> || <'flex-wrap'>
```

Examples

Setting column-reverse and wrap

```
1   element {
2       /* Main-axis is the block direction with reversed main-start and main-end. Flex items are laid out in multiple lines
3       flex-flow: column-reverse wrap;
4   }
```

Specifications

Specification	Status	Comment
CSS Flexible Box Layout Module The definition of 'flex-flow' in that specification.	CR Candidate Recommendation	Initial definition

Browser compatibility

	🖥️						📱					
	Chrome	Edge	Firefox	Internet Explorer	Opera	Safari	Android webview	Chrome for Android	Firefox for Android	Opera for Android	Safari on iOS	Samsung Internet
flex-flow												
	29	12	28	11	12.1	9	4.4	29	28	12.1	9	2.0

What are we missing?

Full support   🏴 User must explicitly enable this

<div>.. </div>

:X: Requires a vendor prefix or different
         name for use.

feature.

See also

- CSS Flexbox Guide: *Basic Concepts of Flexbox*
- CSS Flexbox Guide: *Ordering flex items*

🕐 **Last modified:** Jul 27, 2020, by MDN contributors

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