

# flex-wrap

The `flex-wrap` [CSS](#) property sets whether flex items are forced onto one line or can wrap onto multiple lines. If wrapping is allowed, it sets the direction that lines are stacked.

## Try it

CSS Demo: flex-wrap

RESET

flex-wrap: nowrap;

flex-wrap: wrap;

flex-wrap: wrap-reverse;

Item One

Item Two

Item Three

Item Four

Item Five

Item Six

See [Using CSS flexible boxes](#) for more properties and information.

## Syntax

```
flex-wrap: nowrap; /* Default value */
flex-wrap: wrap;
flex-wrap: wrap-reverse;

/* Global values */
flex-wrap: inherit;
flex-wrap: initial;
flex-wrap: revert;
flex-wrap: revert-layer;
flex-wrap: unset;
```

The `flex-wrap` property is specified as a single keyword chosen from the list of values below.

Values

The following values are accepted:

nowrap

The flex items are laid out in a single line which may cause the flex container to overflow. The **cross-start** is either equivalent to **start** or **before** depending on the [flex-direction](#) value. This is the default value.

wrap

The flex items break into multiple lines. The **cross-start** is either equivalent to **start** or **before** depending `flex-direction` value and the **cross-end** is the opposite of the specified **cross-start**.

wrap-reverse

Behaves the same as `wrap` but **cross-start** and **cross-end** are permuted.

Formal definition

<a href="#">Initial value</a>	nowrap
<b>Applies to</b>	flex containers
<a href="#">Inherited</a>	no
<a href="#">Computed value</a>	as specified
<b>Animation type</b>	discrete

Formal syntax

```
flex-wrap =  
  nowrap      ↓  
  wrap        ↓  
  wrap-reverse
```

Examples

Setting flex container wrap values

HTML

```
<h4>This is an example for flex-wrap:wrap</h4>  
<div class="content">  
  <div class="red">1</div>  
  <div class="green">2</div>  
  <div class="blue">3</div>  
</div>  
  
<h4>This is an example for flex-wrap:nowrap</h4>  
<div class="content1">  
  <div class="red">1</div>  
  <div class="green">2</div>  
  <div class="blue">3</div>  
</div>  
  
<h4>This is an example for flex-wrap:wrap-reverse</h4>  
<div class="content2">
```

```
<div class="red">1</div>
<div class="green">2</div>
<div class="blue">3</div>
</div>
```

## CSS

```
/* Common Styles */
.content,
.content1,
.content2 {
  color: #fff;
  font: 100 24px/100px sans-serif;
  height: 150px;
  width: 897px;
  text-align: center;
}

.content div,
.content1 div,
.content2 div {
  height: 50%;
  width: 300px;
}

.red {
  background: orangered;
}

.green {
  background: yellowgreen;
}

.blue {
  background: steelblue;
}

/* Flexbox Styles */
.content {
  display: flex;
  flex-wrap: wrap;
}

.content1 {
  display: flex;
  flex-wrap: nowrap;
}

.content2 {
  display: flex;
  flex-wrap: wrap-reverse;
}
```

## Results

This is an example for flex-wrap:wrap



This is an example for flex-wrap:nowrap



This is an example for flex-wrap:wrap-reverse



Specifications

Specification
<a href="#">CSS Flexible Box Layout Module Level 1</a> <a href="#"># flex-wrap-property</a>

Browser compatibility

[Report problems with this compatibility data on GitHub](#)

	Chrome	Edge	Firefox	Opera	Safari	Chrome Android	Firefox for Android	Opera Android	
flex-wrap	Chrome 29	Edge 12	Firefox 28	Opera 17	Safari 9	Chrome 29 Android	Firefox 52 for Android	Opera 18 Android	S

Tip: you can click/tap on a cell for more information.

Full support Requires a vendor prefix or different name for use. Has more compatibility info.

## See also

- CSS Flexbox Guide: [Basic Concepts of Flexbox](#)
- CSS Flexbox Guide: [Mastering wrapping of flex items](#)

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