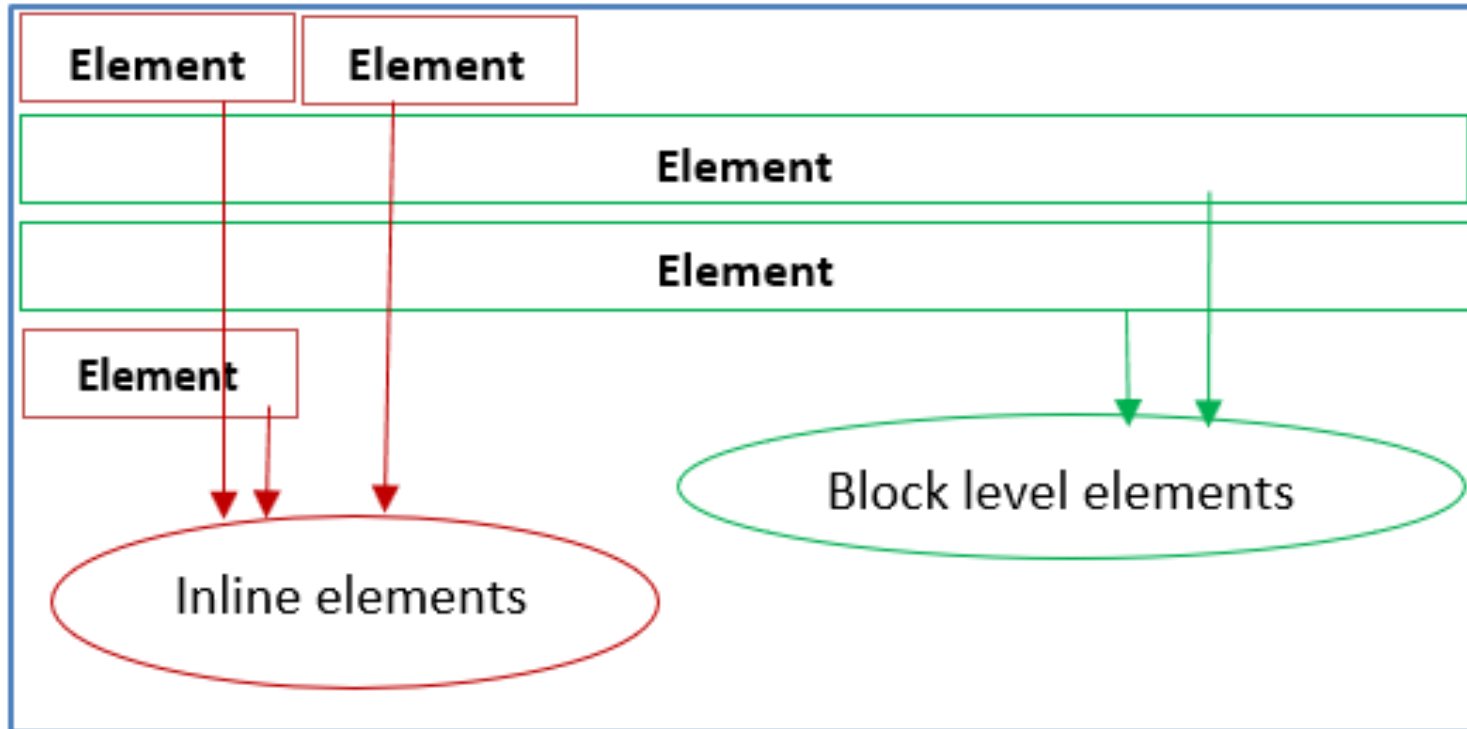


POSIZIONE DEGLI ELEMENTI

Posizione degli elementi



Cambiare il flusso

- position

- top, bottom, left, right
- z-index

<https://developer.mozilla.org/en-US/docs/Web/CSS/position>

https://www.w3schools.com/css/css_positioning.asp

<https://www.csssolid.com/css-position.html>

- float

- clear

<https://developer.mozilla.org/en-US/docs/Web/CSS/float>

https://www.w3schools.com/css/css_float.asp

Proprietà position

position

Values: static | relative | absolute | fixed | inherit

Default: static

Applies to: all elements

Inherits: no

- **static:** posizione normale
- **relative:** posizionabile rispetto al suo posto
- **absolute:** posizionabile rispetto al suo contenitore
- **fixed:** posizionabile rispetto al viewport

Specificare la posizione

top, right, bottom, left

Values: *length measurement | percentage | auto | inherit*

Default: *auto*

Applies to: *positioned elements (where position value is relative, absolute, **or** fixed)*

Inherits: *no*

- Specifica la distanza rispetto all'**elemento o blocco contenitore**
- **Containing block:** primo antenato con **position non static** (o il body)

Modalità di posizionamento

Static Position



Relative Position



Absolute Position



Fixed Position



Gestire sovrapposizioni

z-index

Values: *number* | auto | inherit

Default: auto

Applies to: *positioned elements*

Inherits: *no*

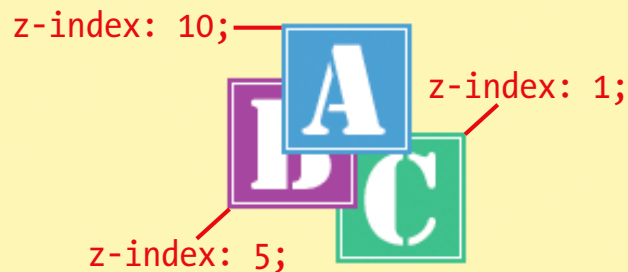
```
#A {
  z-index: 10;
  position: absolute;
  top: 200px;
  left: 200px;
}
```

```
#B {
  z-index: 5;
  position: absolute;
  top: 225px;
  left: 175px;
}
```

```
#C {
  z-index: 1;
  position: absolute;
  top: 250px;
  left: 225px;
}
```



By default, elements later in the document stack on top of preceding elements.



You can change the stacking order with the z-index property. Higher values stack on top of lower values.

Esempi

- Dropdown

https://www.w3schools.com/css/css_dropdowns.asp

https://www.w3schools.com/css/tryit.asp?filename=trycss_dropdown_button

https://www.w3schools.com/css/tryit.asp?filename=trycss_dropdown_image

- Altri

https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Practical_positioning_examples

- Fixed

<https://www.w3.org/Style/Examples/007/menus.en.html#L384>

https://www.w3schools.com/howto/howto_css_fixed_menu.asp

float

float

Values: left | right | none | inherit

Default: none

Applies to: all elements

Inherits: no

- muove un elemento tutto a destra o tutto a sinistra permettendo agli altri elementi di circondarlo

Esempio

Inline image in the normal flow

space next to the image is held clear



They went down, down, down, till at last they came to a passage with a door at one end, which was only fastened with a latch. The eldest Princess opened it, and they found themselves immediately in a lovely little wood, where the leaves were spangled with drops of silver which shone in the brilliant light of the moon. They next crossed another wood where the leaves were sprinkled with gold, and after that another still, where the leaves glittered with diamonds.

Inline image floated to the right.

They went down, down, down, till at last they came to a passage with a door at one end, which was only fastened with a latch. The eldest Princess opened it, and they found themselves immediately in a lovely little wood, where the leaves were spangled with drops of silver which shone in the brilliant light of the moon. They next crossed another wood where the leaves were sprinkled with gold, and after that another still, where the leaves glittered with diamonds.

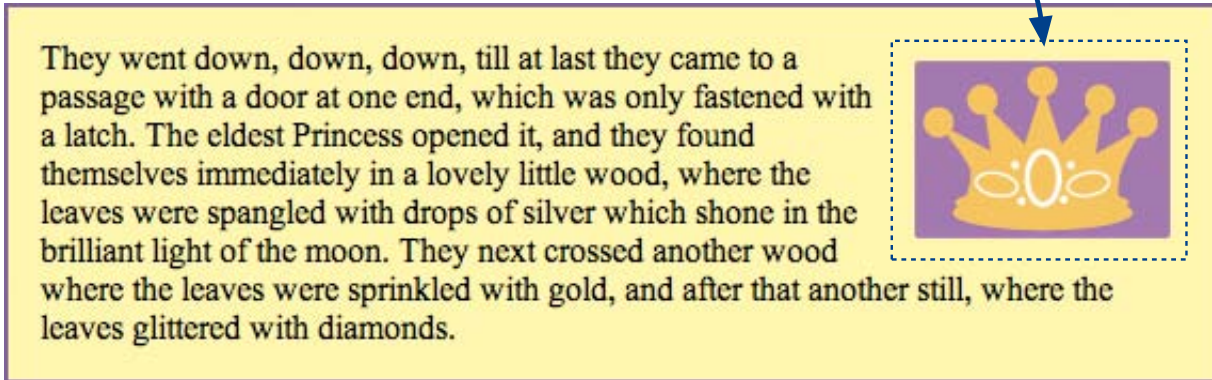


image moves over and text wraps around it

```
img {
  float: right;
}
p {
  padding: 15px;
  background-color: #F0F0F0;
  border: 2px solid #C0C0C0;
}
```

Esempio

*Indicates outer margin edge
(this rule would not appear in the actual web page)*



```
img {
    float: right;
    margin: 10px;
}
```

Esempio: [ogre-fl.html](#)

Caratteristiche

- Si staccano dal flusso normale ma influenzano il contenuto dei blocchi intorno
- Sono contenuti nell'area del contenuto dell'elemento che li contiene
- I margini sono mantenuti

clear dei float

clear

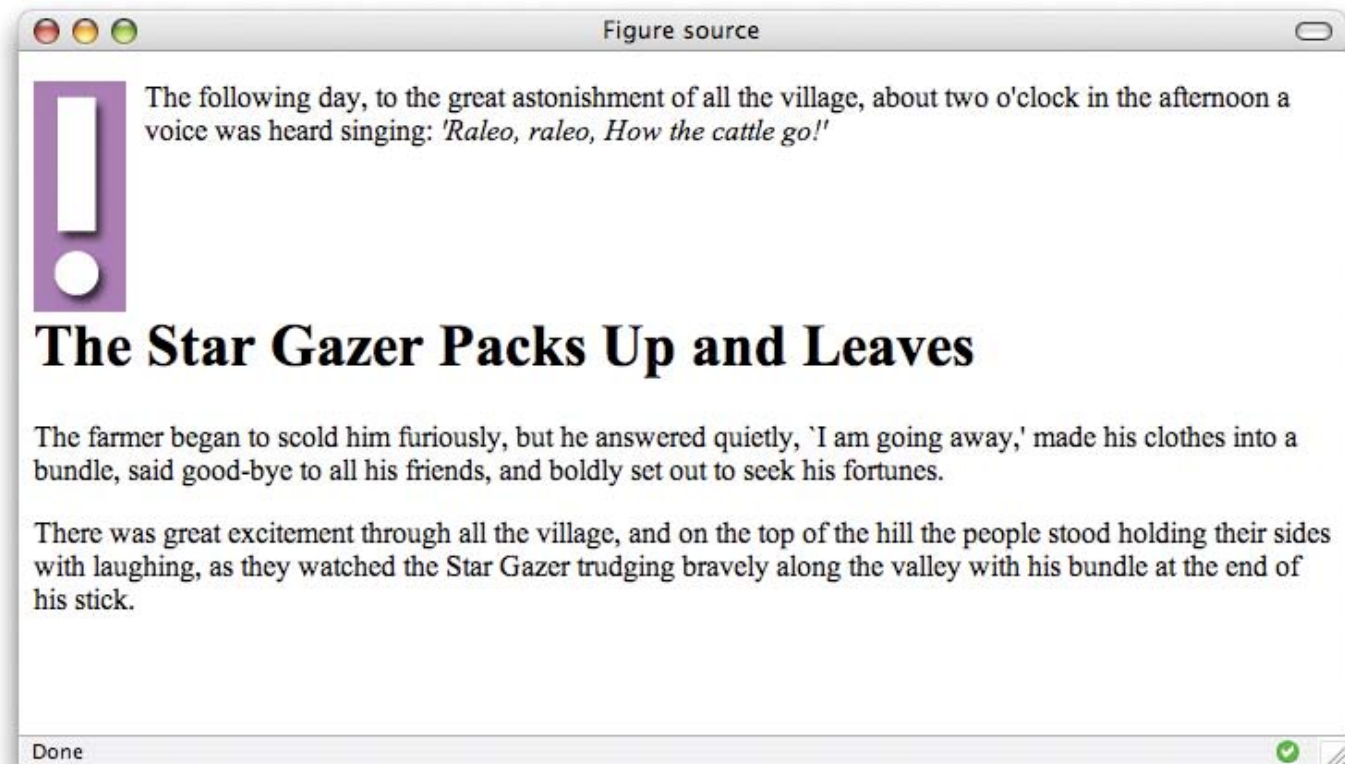
Values: left | right | both | none | inherit

Default: none

Applies to: block-level elements only

Inherits: no

```
img {
  float: left;
  margin-right: 10px;
}
h2 {
  clear: left;
  margin-top: 2em;
}
```



Contenere i float



Hand-stitched iPhone motif

[More info](#)

L'elemento contenitore non si allunga per contenere il float

Nell'elemento contenitore devo dichiarare
overflow auto o hidden

```
#container {
  overflow: auto;
  width: 100%;
  background-color: #GGG;
  padding: 1em;
}
```



Hand-stitched iPhone motif

[More info](#)

Esempio: float-test.html

Esempi

- Navbar float

https://www.w3schools.com/css/tryit.asp?filename=trycss_dropdown_navbar

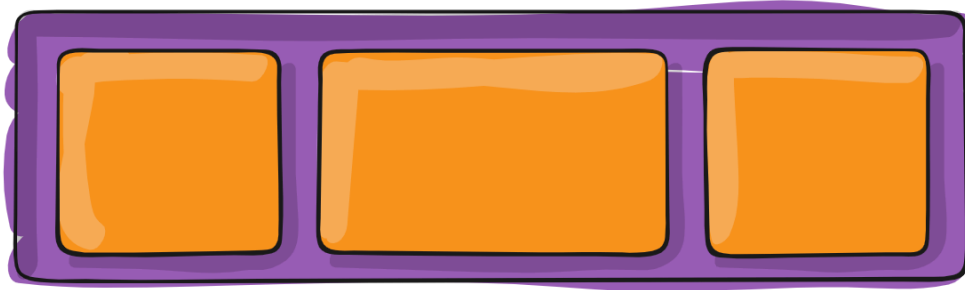
https://www.w3schools.com/css/css_image_gallery.asp

FLEXBOX DISPLAY

<https://css-tricks.com/snippets/css/a-guide-to-flexbox/>

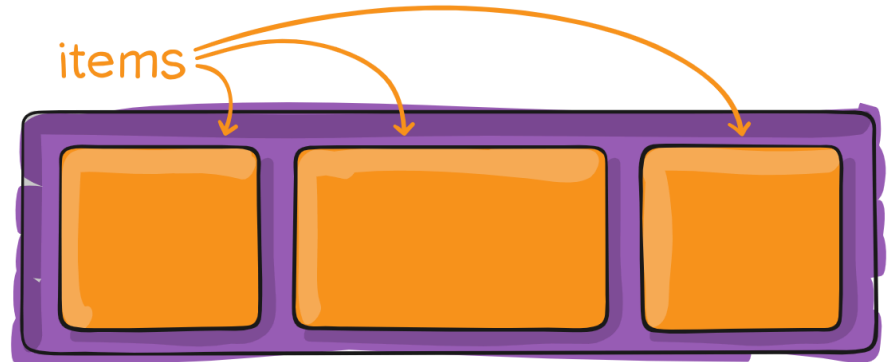
Flexbox

container



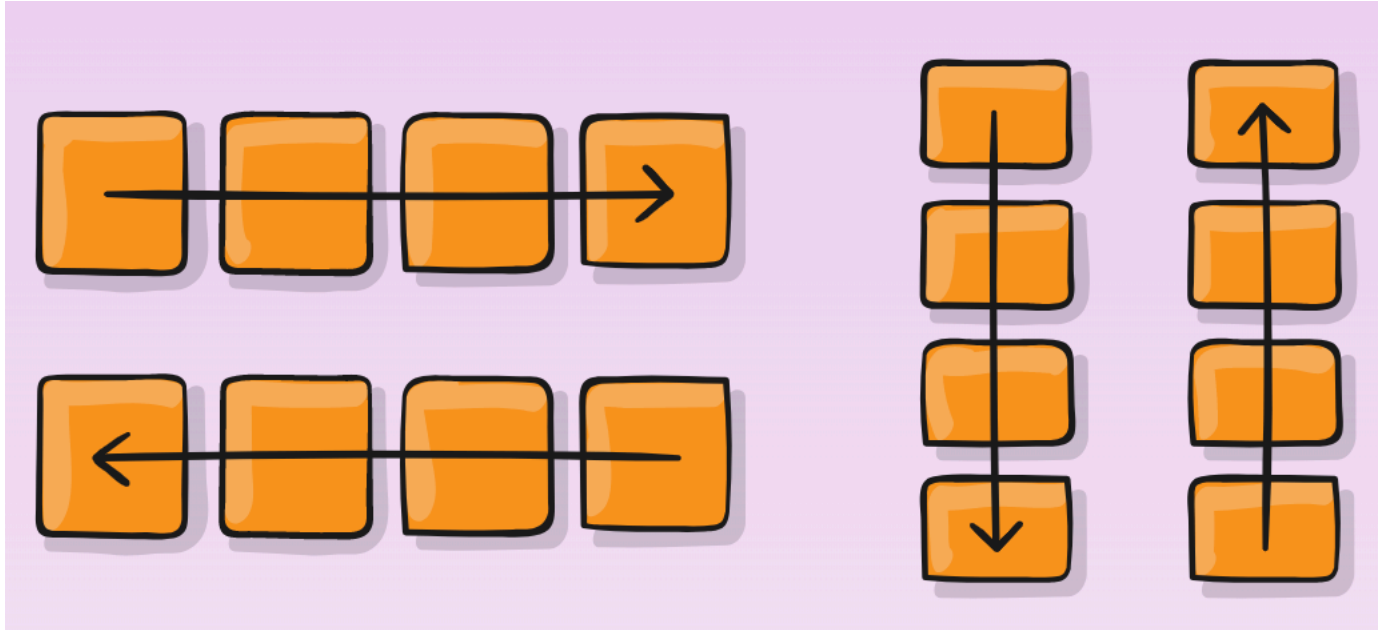
```
.container {  
  display: flex; /* or inline-flex */  
}
```

items



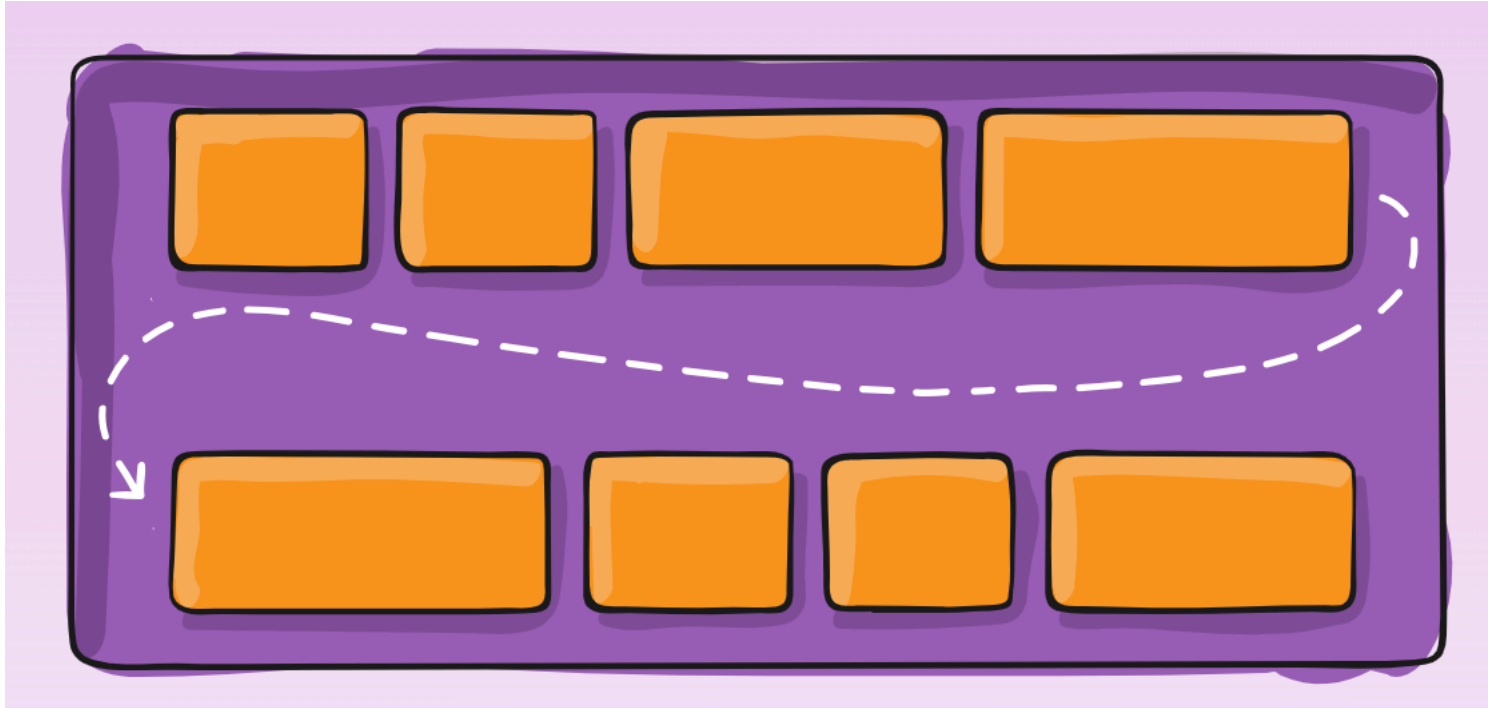
https://www.w3schools.com/css/css3_flexbox.asp

flex-direction



```
.container {
  flex-direction: row | row-reverse | column |
column-reverse;
}
```

flex-wrap



```
.container{  
  flex-wrap: nowrap | wrap | wrap-reverse;  
}
```

justify-content

```
.container {  
  justify-content: ...  
}
```

flex-start



flex-end



center



space-between



space-around

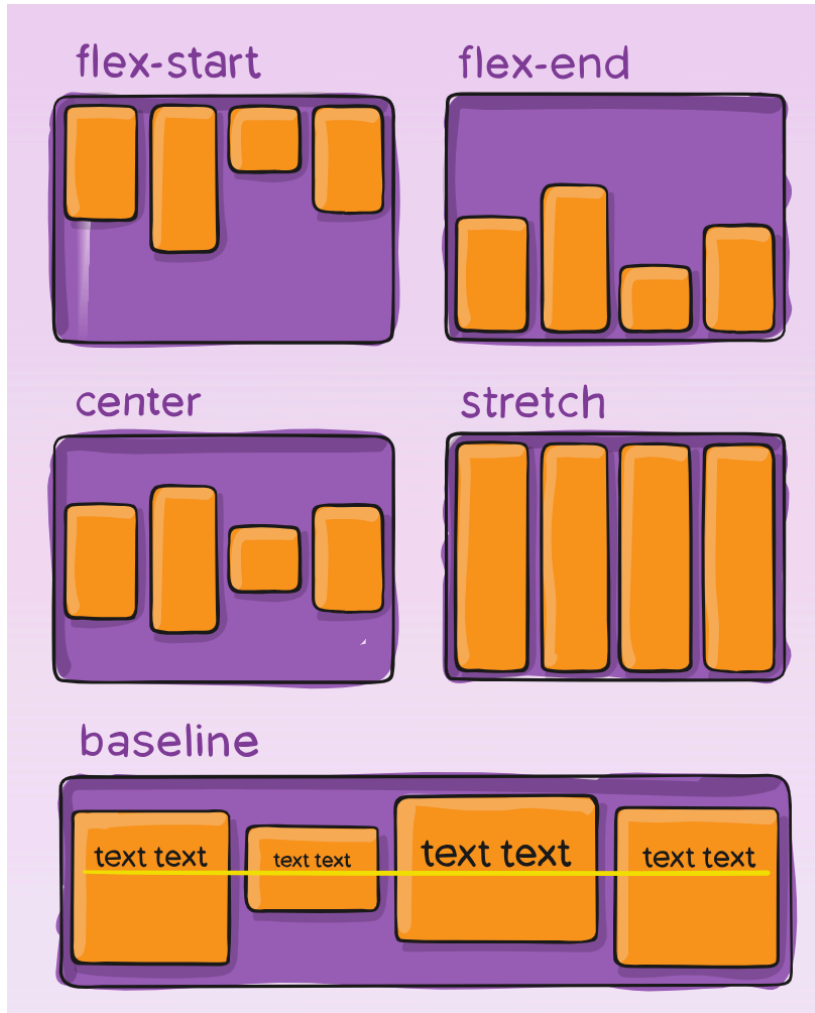


space-evenly

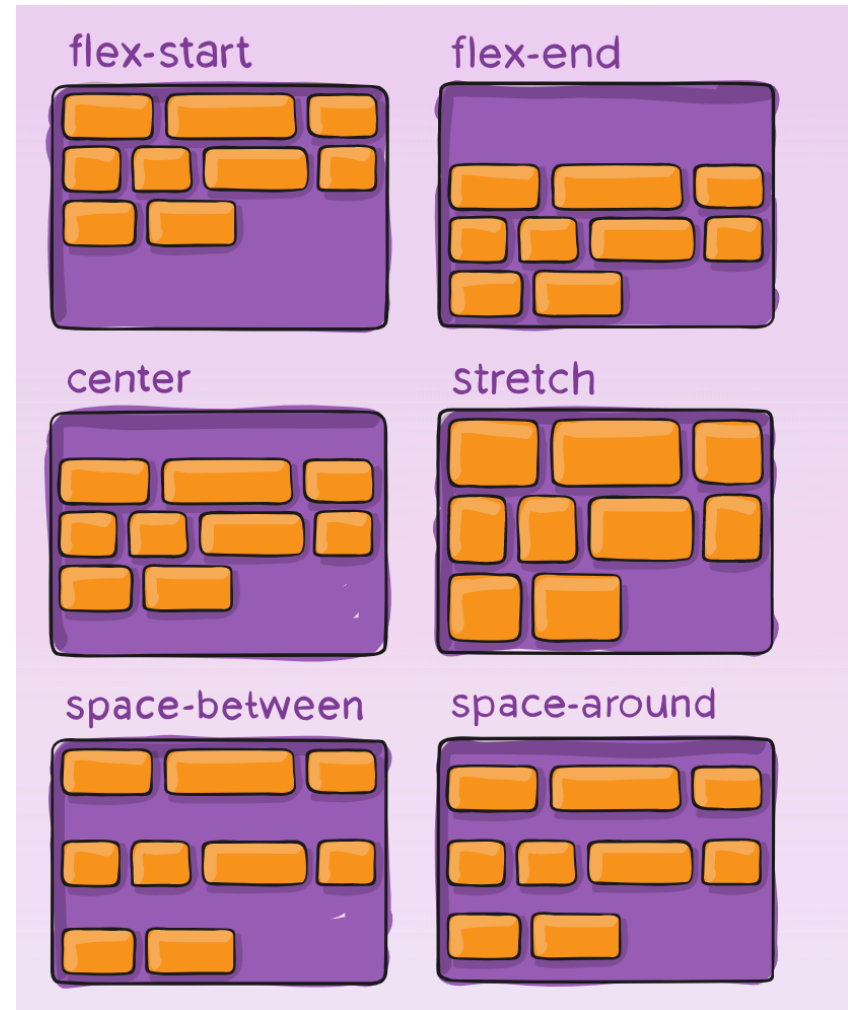


align-items & align-content

align-items:

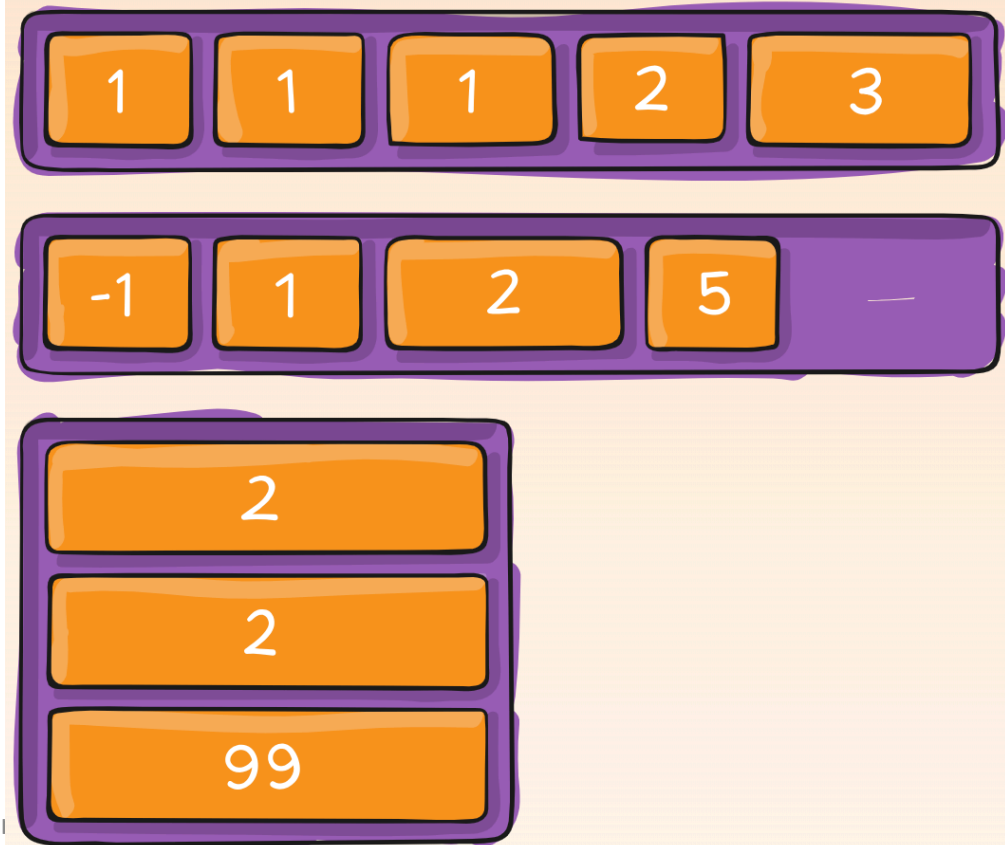


align-content:



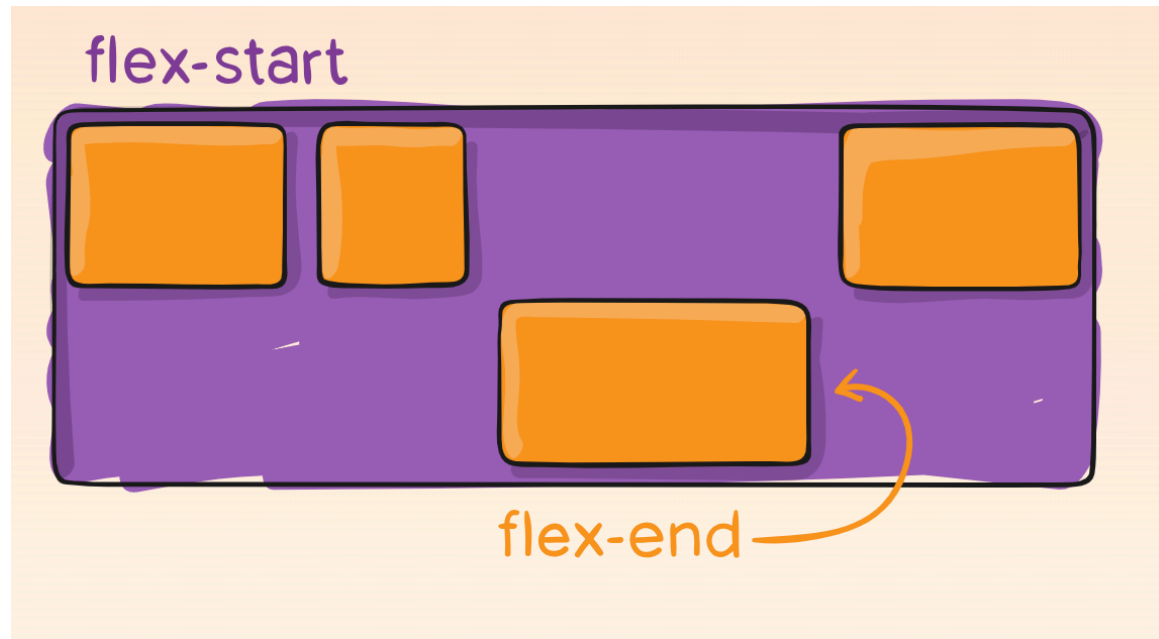
order

```
.item {  
    order: <integer>; /* default is 0 */  
}
```



align-self

```
.item {  
    align-self: auto | flex-start | flex-end | center |  
    baseline | stretch;  
}
```



- <https://blog.logrocket.com/responsive-image-gallery-css-flexbox/>

Menu

serif

sans-serif

script

display

dingbats

- Navigazione verticale o orizzontale
- tipicamente si applica uno stile ad una lista ul

Esempio: [test-menu.html](#)

Esempio: [test-menu-sub.html](#)