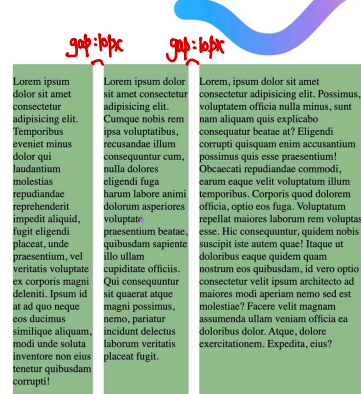


Flexbox

Display: Flex

```
<div class="container">
  <div class="one"><p>...</p></div>
  <div class="two"><p>...</p></div>
  <div class="three"><p>...</p></div>
</div>
```

```
.container {
  display: flex;
  gap: 10px;
}
```



Flex Direction

Row : left to right

Column: top to down (height)

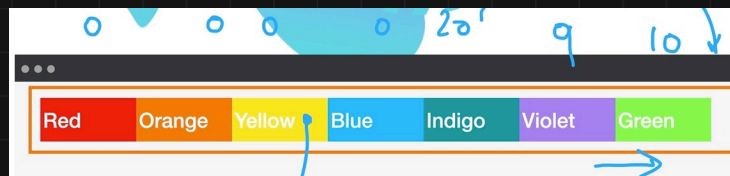
Always write in child elements

Flex Layout

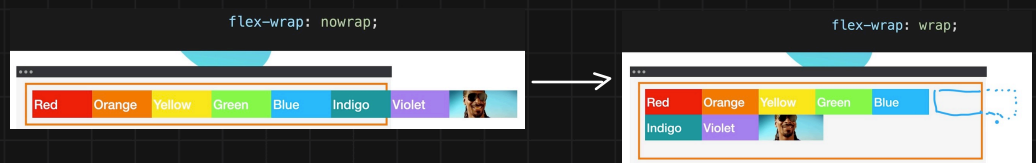
Order Property

Default position number: 0

The bigger position number will go to the very right side of flex box



flex-wrap Property

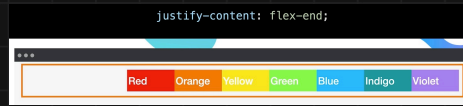


justify-content

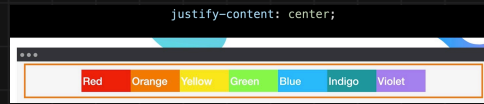
flex-start :



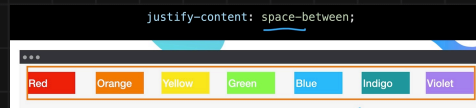
flex-end :



center :

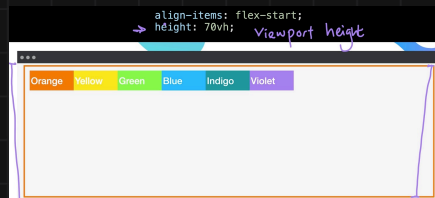


space-between :

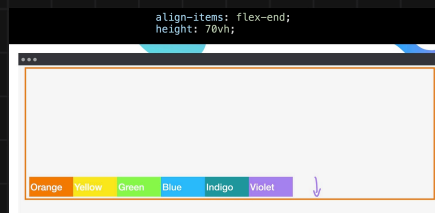


align-items

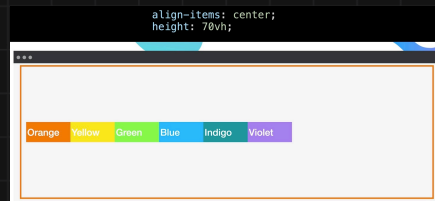
flex-start :



flex-end :



center :



align-self : flex-start



Flex Sizing

Rule: $\text{content width} < \text{Width} < \text{flex-basis} < \text{min-width/max-width}$

Flex Container

```
display: flex;
gap: 10px;
```

Flex Items

```
width: 100px;
```

Flex Container

```
display: flex;
gap: 10px;
```

Flex Items

```
flex-basis: 100px;
flex-grow: 1;
flex-shrink: 1;
```

Flex Items

```
flex-basis: 0;
flex-grow: 1;      flex: 1 1 0;    flex: 1;
flex-shrink: 1;    - - -
                    .
```

= =

Flex Container

```
display: flex;
gap: 10px;
```

Red Flex Item

```
flex: 1;
```

grow 1
shrink 1

Blue Flex Item

```
flex: 2;
```

grow 2
shrink 2

Green Flex Item

```
flex: 3;
```

- Flexbox
- display: flex (inline-flex)
 - flex-direction : ① left to right (default) ② top to bottom (column) ③ row/column-reverse
 - flex layout {
 - ① order : bigger # goes to the right side
 - ② flex-wrap : nowrap/wrap (the contents will go to the next line or not)
 - ③ justify-content : (1) flex-start; (2) flex-end; (3) center; (4) space-between (around, evenly)
 - ④ align-items : (1) flex-start; (2) flex-end; (3) center
 - flex sizing : ① flex-basis : ② flex-grow; ③ flex-shrink
- special case: align-self : (one box or more can be different layout)