

Flexbox

Terminology

```
<div class="flex-container">
  <div class="flex-item">...</div>
  <div class="flex-item">...</div>
  <div class="flex-item">...</div>
</div>
```

```
.flex-container {
  display: flex;
}
```

.flex-container



Basics Flexbox (container) properties

- justify-content

```
.flex-container {
  display: flex;
  justify-content: center;
}
```

.flex-container



```
.flex-container {
  display: flex;
  justify-content: flex-end; // or `flex-start`
}
```

.flex-container



```
.flex-container {
  display: flex;
  justify-content: space-around;
}
```

.flex-container



```
.flex-container {  
  display: flex;  
  justify-content: space-between;  
}
```

.flex-container



- flex-direction

```
.flex-container {  
  display: flex;  
  flex-direction: row; // it's `row` by default  
}
```

.flex-container



```
.flex-container {  
  display: flex;  
  flex-direction: column;  
}
```

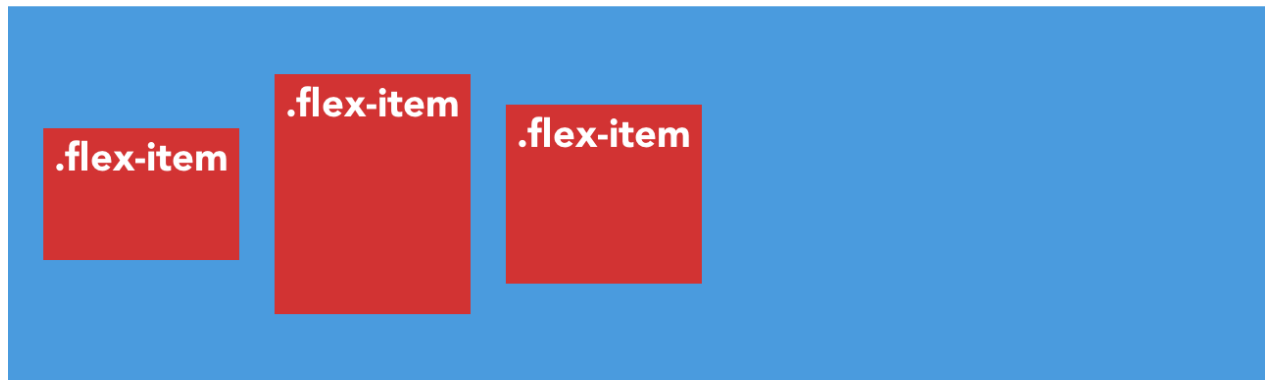
.flex-container



- align-items

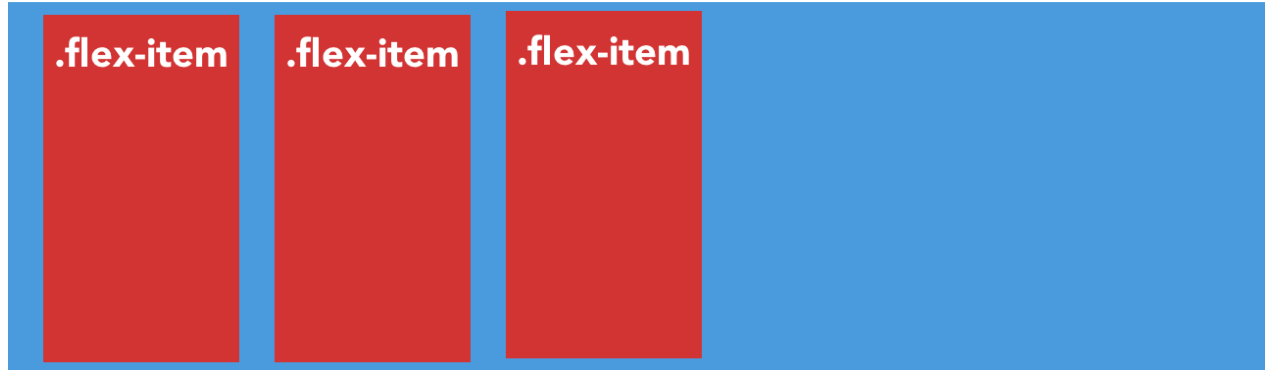
```
.flex-container {  
  display: flex;  
  align-items: center;  
}
```

.flex-container



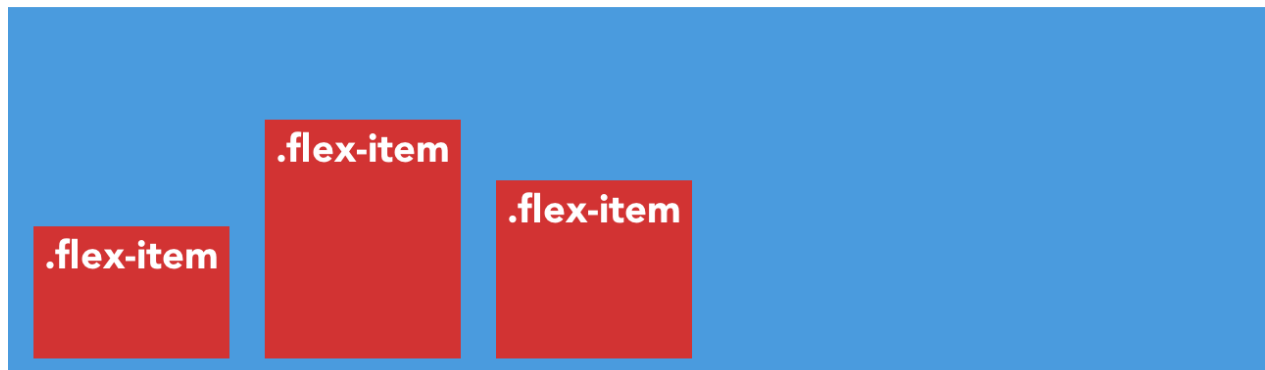
```
.flex-container {  
  display: flex;  
  align-items: stretch;  
}
```

.flex-container



```
.flex-container {  
  display: flex;  
  align-items: flex-end; // it's `flex-start` by default  
}
```

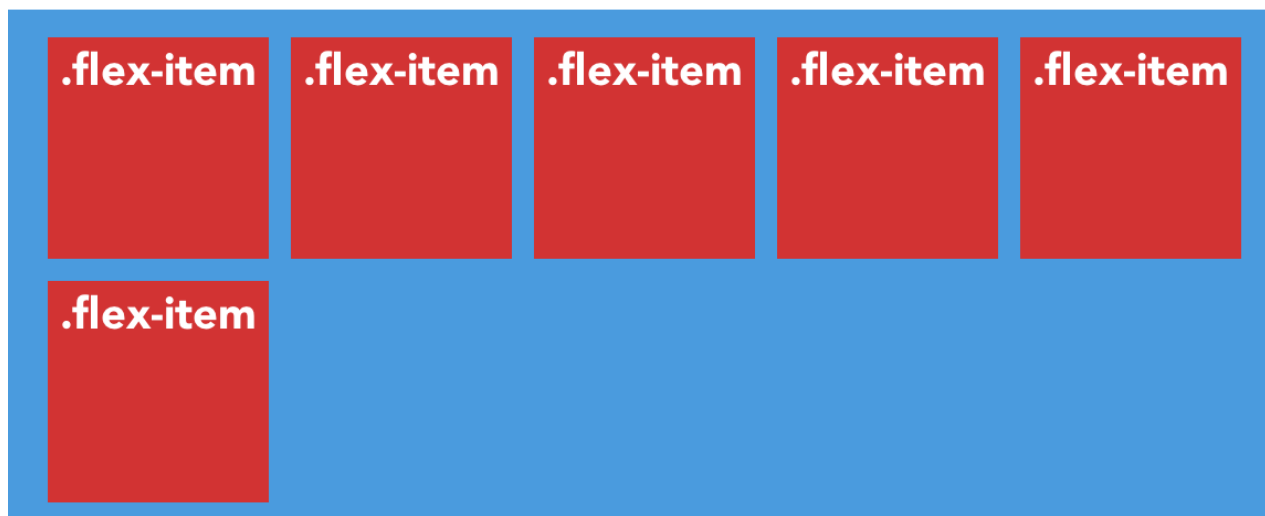
.flex-container



- flex-wrap

```
.flex-container {  
  display: flex;  
  flex-wrap: wrap;  
}
```

.flex-container



Basics Flex-item properties

flex (shortcut property for flex-grow, flex-shrink and flex-basis)

- flex-grow: the ability for a flex item to grow if necessary (0 to **not** grow, 1, 2, etc. to grow *relatively* to siblings - [Read more](#)).
- flex-shrink: the ability for a flex item to shrink if necessary (0 to **not** shrink, 1, 2 etc. to shrink - [Read more](#)).
- flex-basis: the default size of an element before the remaining space is distributed (px, %, auto, ...).

```
.flex-item-grow {  
  flex: 1 0 auto;  
}
```

.flex-container



```
.flex-item {  
  flex: 0 0 50%;  
}
```

.flex-container



- align-self

```
.align-center {  
  align-self: center;  
}  
  
.align-end {  
  align-self: flex-end;  
}
```

.flex-container

