Flexbox

What Is Flexbox?

The Flexible Box Model is a one dimensional layout model that provides a method to offer space distribution and powerful alignment capabilities.

- Before Flexbox, we aligned elements using **floats** and **tables**. Flexbox has made life much easier for people that use CSS.
- CSS Grid is another option for alignment, positioning, etc. It's good to learn both.

灵活盒模型是一种一维布局模型，提供了一种提供空间分布和强大对齐功能的方法。在 Flexbox 出现之前，我们使用浮动和表格来对齐元素。 Flexbox 使使用 CSS 的人的生活变得更加轻松。 CSS 网格是对齐、定位等的另一种选择。学习两者都是很好的。

Flex Containers & Flex Items

The flex container is the element that holds flex items. Flex items are direct children of flex containers. A container is created with *display: flex*

```
<div class="flex-container">
    <div>Flex Item 1</div>
    <div>Flex Item 2</div>
    <img src="pic.png" alt="also a flex item" />
</div>
```
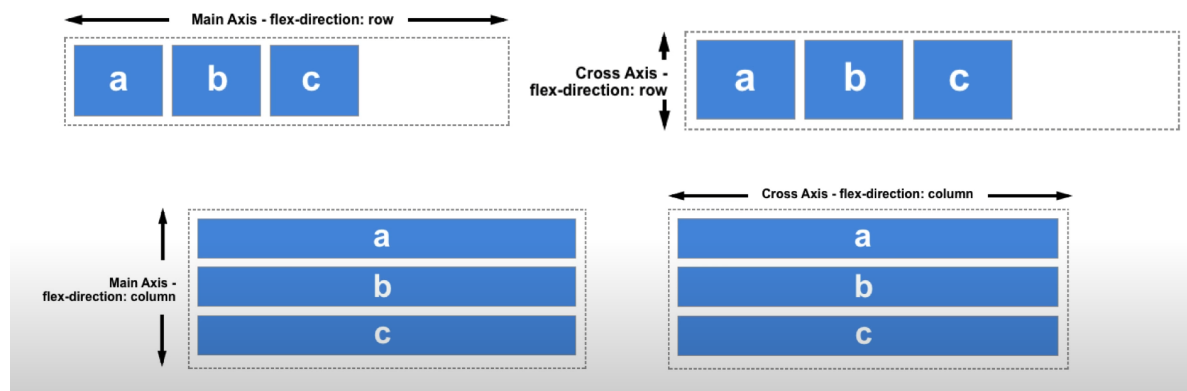
Flex Container Properties	Flex Item Properties
flex-direction	order
flex-wrap	flex-grow
flex-flow	flex-shrink
justify-content	flex-basis
align-items	align-self
align-content	

Axis

flex-grow：决定了flex items 如何扩展拉伸

flex-shrink：决定了flex items 如何收缩

flex-basis：决定flex items的基本大小

```
.item{
    flex: 1 0 100px;
/*      flex-basis: 300px; */
```

flex三个参数分别代表flex-grow,flex-shrink,flex-basis