CSS Flex Items

The direct child elements of a flex container automatically become flexible (flex) items.

For example:

```
<div class="flex-container">
  <div>1</div>
  <div>2</div>
  <div>3</div>
  <div>4</div>
</div>
```

The divs in the `div.flex-container` are the flex items, while the div.flex-container is the flexbox or flex container.

The flex item objects can be styled by editing the following properties:

- order
- flex-grow
- flex-shrink
- flex-basis
- flex

- align-self

The Order Property

The `order` property specifies the order of the flex items, that is, it commands arrangement pattern of the flex items regardless of how the tags of the flex items are arranged. The order value must be a number. Default value is 0.

Example:

```
<div class="flex-container">
  <div style="order:3;">1</div>
  <div style="order:0;">2</div>
  <div style="order:2;">3</div>
  <div style="order:1;">4</div>
</div>
```

The Flex-Grow Property

The `flex-grow` property specifies how much a flex item will grow relative to the rest of the flex items.

The value must be a number. Default value is 0.

The Flex-Shrink Property

The `flex-shrink` property specifies how much a flex item will shrink relative to the rest of the flex items.

The value must be a number. The default vale is 1.

The Flex-Basis Property

The `flex-basis` property specifies the initial length of a flex item. Its value is set normally, for example, 100px.

The Flex Property

The `flex` property is a shorthand property for the flex-grow, flex-shrink, and flex-basis properties.

The Align-Self Property

The `align-self` property specifies the alignment for the selected item inside the flexible container. The align-self property overrides the default alignment set by the container's align-items property. The value that this property can be set to is: center, flex-start, or flex-end.

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