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| Justify-content | Align item along the main axis (horizontal)   * **flex-start**: Items align to the left side of the container. * **flex-end**: Items align to the right side of the container. * **center**: Items align at the center of the container. * **space-between**: Items display with equal spacing between them. * **space-around**: Items display with equal spacing around them. |
| Align-items | Align flex items along the cross axis (vertical)   * **flex-start**: Items align to the top of the container. * **flex-end**: Items align to the bottom of the container. * **center**: Items align at the vertical center of the container. * **baseline**: Items display at the baseline of the container. * **stretch**: Items are stretched to fit the container. |
| Flex-direction | Define the direction of the main axis (defines the direction items are placed in the container)   * **row**: Items are placed the same as the text direction. * **row-reverse**: Items are placed opposite to the text direction. * **column**: Items are placed top to bottom. * **column-reverse**: Items are placed bottom to top.   (when you set the direction to a reversed row or column, start and end are also reversed) |
| Order | Specify the order of a flex item  By default, items have a value of 0, but we can use this property to set it to a positive or negative integer value. |
| Align-self | Align a flex items along the cross axis, overriding the align-items value (for specific items) |
| Flex-wrap | Specify whether flex items are forced on a single line or can be wrapped on multiple line   * **nowrap**: Every item is fit to a single line. * **wrap**: Items wrap around to additional lines. * **wrap-reverse**: Items wrap around to additional lines in reverse. |
| Flex-flow | <flex direction> <flex wrap> |
| Align-content | Align a flex container’s lines within the flex container when there is extra space on the cross axis   * **flex-start**: Lines are packed at the top of the container. * **flex-end**: Lines are packed at the bottom of the container. * **center**: Lines are packed at the vertical center of the container. * **space-between**: Lines display with equal spacing between them. * **space-around**: Lines display with equal spacing around them. * **stretch**: Lines are stretched to fit the container. * (set how multiple lines are spaced apart from each other) * (**align-content** determines the spacing between lines, while **align-items** determines how the items as a whole are aligned within the container. When there is only one line, **align-content** has no effect) |