

# CSS Flexbox Test Page

## 1 — flex-direction

|                |                          |                                                   |
|----------------|--------------------------|---------------------------------------------------|
| row (default)  | <div>A B C</div>         | flex-direction:row;gap:4px;                       |
| row-reverse    | <div>C B A</div>         | flex-direction:row-reverse;gap:4px;               |
| column         | <div>A<br/>B<br/>C</div> | flex-direction:column;gap:2px;width:60px;         |
| column-reverse | <div>C<br/>B<br/>A</div> | flex-direction:column-reverse;gap:2px;width:60px; |

## 2 — justify-content (row, 240px container)

|               |                  |                                                 |
|---------------|------------------|-------------------------------------------------|
| flex-start    | <div>A B C</div> | justify-content:flex-start;width:240px;gap:4px; |
| center        | <div>A B C</div> | justify-content:center;width:240px;gap:4px;     |
| flex-end      | <div>A B C</div> | justify-content:flex-end;width:240px;gap:4px;   |
| space-between | <div>A B C</div> | justify-content:space-between;width:240px;      |
| space-around  | <div>A B C</div> | justify-content:space-around;width:240px;       |
| space-evenly  | <div>A B C</div> | justify-content:space-evenly;width:240px;       |

## 3 — align-items (row, 80px container height)

|                         |                  |                                             |
|-------------------------|------------------|---------------------------------------------|
| flex-start              | <div>A B C</div> | align-items:flex-start;height:80px;gap:4px; |
| center                  | <div>A B C</div> | align-items:center;height:80px;gap:4px;     |
| flex-end                | <div>A B C</div> | align-items:flex-end;height:80px;gap:4px;   |
| stretch                 | <div>A B C</div> | align-items:stretch;height:80px;gap:4px;    |
| baseline (varying font) | <div>A B C</div> | align-items:baseline;gap:4px;               |

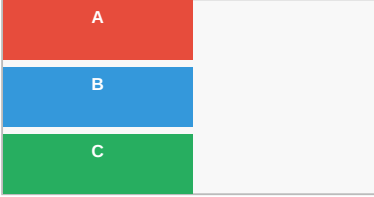
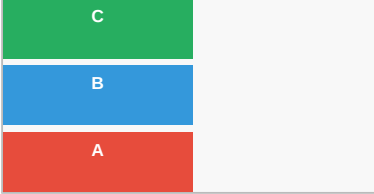
## 4 — flex-grow

|                    |                                       |          |
|--------------------|---------------------------------------|----------|
| grow:0,0,0 (none)  | <div>A grow:0 B grow:0 C grow:0</div> | gap:4px; |
| grow:1,1,1 (equal) | <div>A 1 B 1 C 1</div>                | gap:4px; |
| grow:1,2,3 (ratio) | <div>A 1 B 2 C 3</div>                | gap:4px; |

## 5 — flex-shrink & flex-basis

|                                |                                    |              |
|--------------------------------|------------------------------------|--------------|
| shrink:1,1 basis:120px         | <div>A 120 B 120 C 120</div>       | width:240px; |
| shrink:1,0 (C does not shrink) | <div>A shr:1 B shr:1 C shr:0</div> | width:240px; |
| flex:1 shorthand               | <div>flex:1 flex:2 flex:none</div> | gap:4px;     |

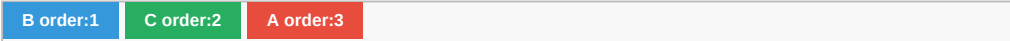
6 — flex-wrap

|                   |                                                                                   |                                             |
|-------------------|-----------------------------------------------------------------------------------|---------------------------------------------|
| nowrap (overflow) |  | flex-wrap:nowrap;width:200px;               |
| wrap              |  | flex-wrap:wrap;width:200px;gap:4px;         |
| wrap-reverse      |  | flex-wrap:wrap-reverse;width:200px;gap:4px; |

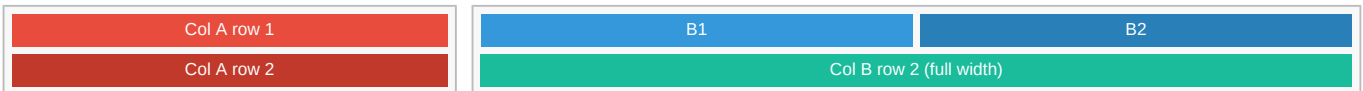
7 — align-self (overrides align-items)

|                                           |                                                                                    |                                             |
|-------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------|
| align-items:flex-start, align-self:center |  | align-items:flex-start;height:80px;gap:4px; |
|-------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------|

8 — order

|                                    |                                                                                    |          |
|------------------------------------|------------------------------------------------------------------------------------|----------|
| DOM order: A B C (or order: 3 2 1) |  | gap:4px; |
|------------------------------------|------------------------------------------------------------------------------------|----------|

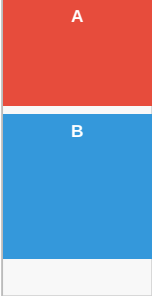
9 — Nested flex containers

|                                                                                     |
|-------------------------------------------------------------------------------------|
|  |
|-------------------------------------------------------------------------------------|

10 — inline-flex

Text before  text after — inline-flex sits in the text flow.

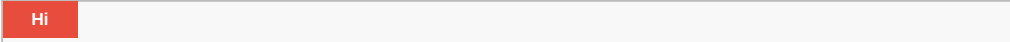
11 — max-width / max-height clamping

|                            |                                                                                      |                                                        |
|----------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------|
| A max-width:80px, both     |  | gap:4px;                                               |
| column: A max-height:160px |   | flex-direction:column;height:160px;gap:4px;width:80px; |

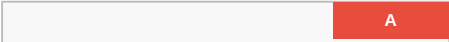
12 — Percentage flex-basis

|                           |                                                                                     |                                   |
|---------------------------|-------------------------------------------------------------------------------------|-----------------------------------|
| flex-basis:50% (240px)    |  | width:240px;                      |
| column, auto height: flex |  | flex-direction:column;width:80px; |

13 — flex-basis: content

|                            |                                                                                      |          |
|----------------------------|--------------------------------------------------------------------------------------|----------|
| flex-basis:content ignored |  | gap:4px; |
|----------------------------|--------------------------------------------------------------------------------------|----------|

14 — Auto margins (main axis)

|                              |                                                                                     |              |
|------------------------------|-------------------------------------------------------------------------------------|--------------|
| margin-left:auto pushed      |  | width:240px; |
| margin:0 auto centers        |  | width:240px; |
| second item margin-left:auto |  | width:240px; |

15 — Replaced elements (img/svg) mixed with block siblings

A flex container mixing an inline-level replaced element (an `<img>` or inline `<svg>`) with a block-level sibling wraps the replaced element in an anonymous box per CSS Flexbox §4 — it must still be measured, positioned, and painted like any other flex item.



img + block title

inline svg + block title



Status: Active

img width=48 height=48

inline <svg>