



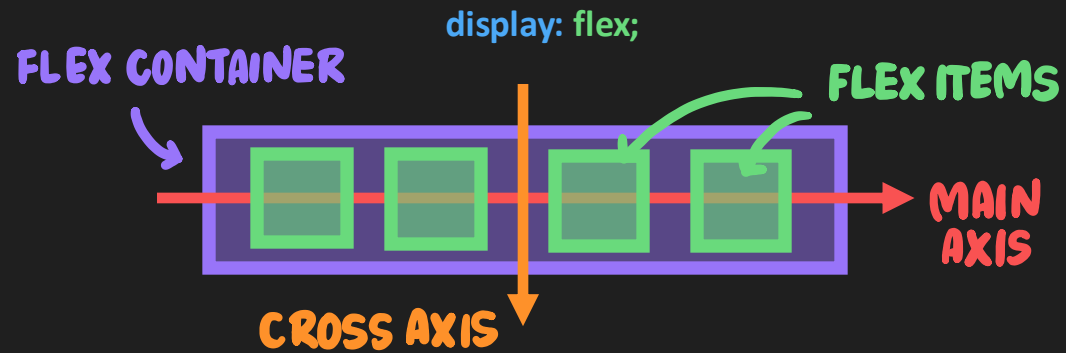
FLEXBOX



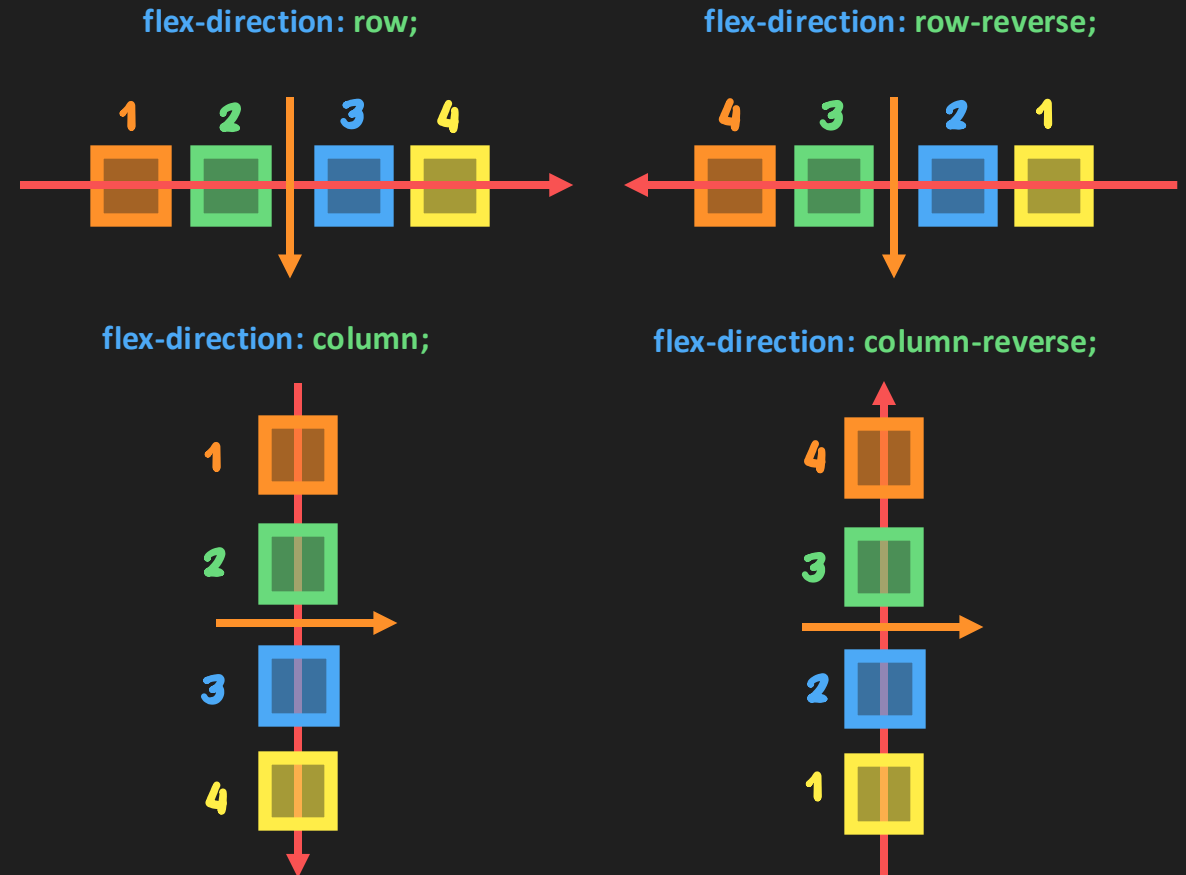
SUMMARY CARD

INTRODUCTION TO FLEXBOX

FLEX CONTAINER & ITEMS

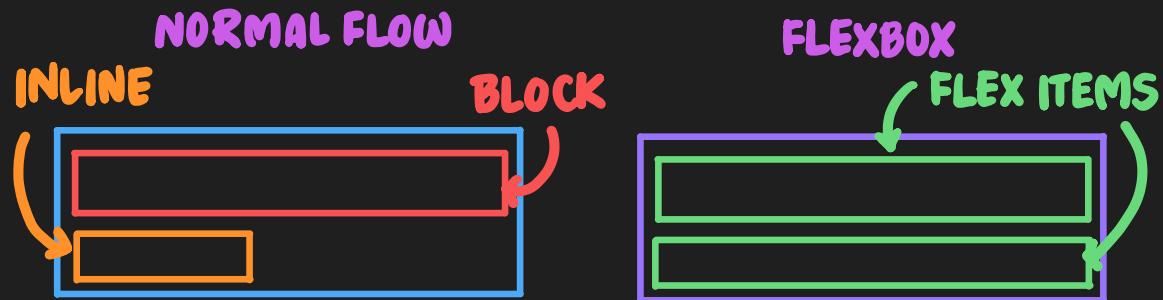


FLEX DIRECTION



NORMAL FLOW VS. FLEXBOX

FLEXBOX OVERRIDES BLOCK & INLINE BEHAVIOR



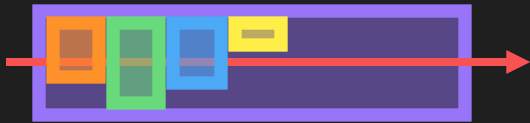
SUMMARY CARD

JUSTIFY CONTENT & ALIGN ITEMS

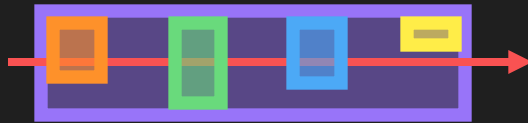
JUSTIFY CONTENT

POSITIONS FLEX ITEMS ALONG THE MAIN AXIS

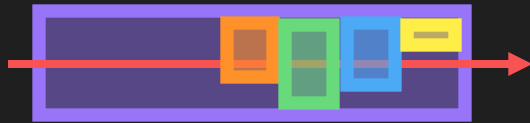
`justify-content: flex-start;`



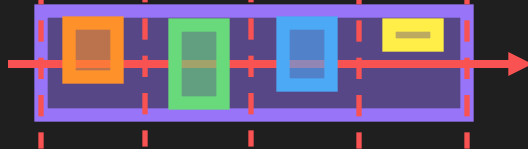
`justify-content: space-between;`



`justify-content: flex-end;`



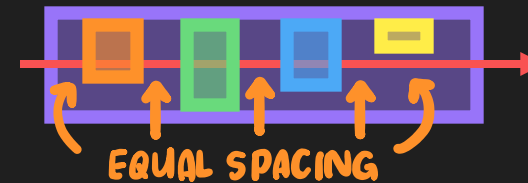
`justify-content: space-around;`



`justify-content: center;`



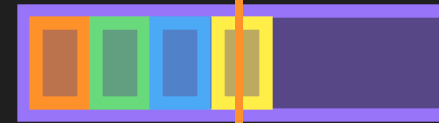
`justify-content: space-evenly;`



ALIGN ITEMS

POSITIONS FLEX ITEMS ALONG THE CROSS AXIS

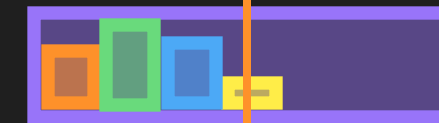
`align-items: stretch;`



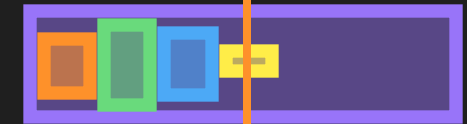
`align-items: flex-start;`



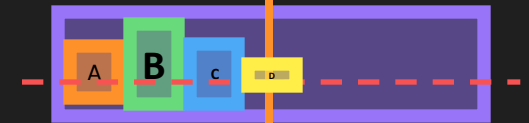
`align-items: flex-end;`



`align-items: center;`



`align-items: baseline;`



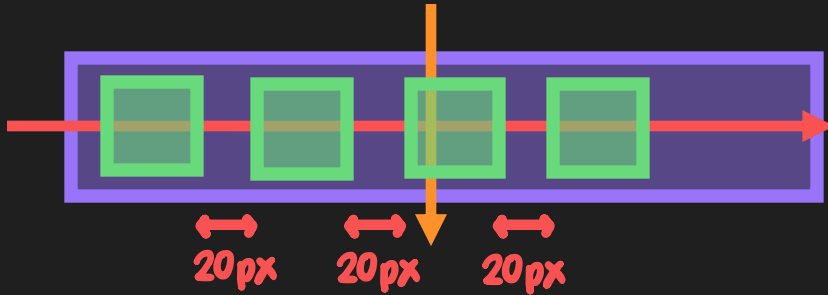


SUMMARY CARD

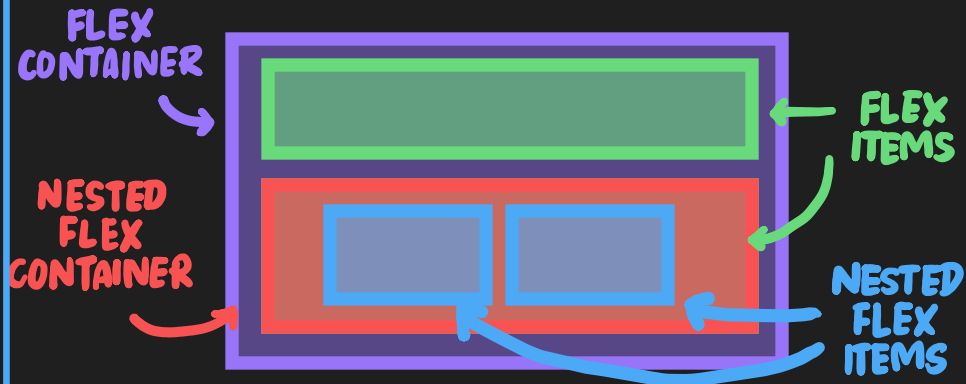
GAP, NESTED FLEXBOX AND CENTERING

GAP

gap: 20px;



NESTED FLEXBOX



CENTERING

TRADITIONAL METHODS

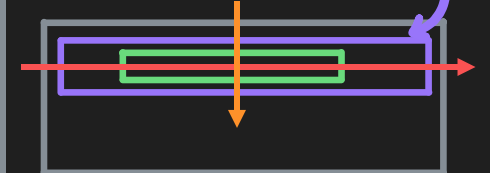
FLEXBOX

HORIZONTAL

margin: 0 auto;



justify-content: center;

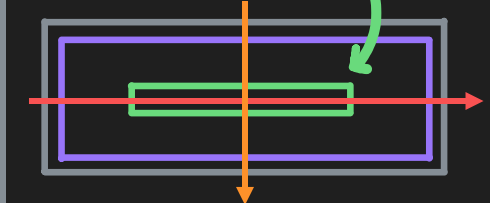
VERTICAL WITH
NO HEIGHT
ON PARENT

MARGIN OR PADDING

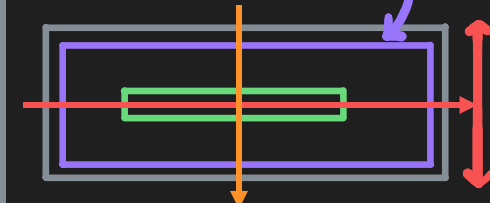
margin: 200px auto;



margin: 200px 0;

VERTICAL WITH
HEIGHT ON
PARENTX
NO EASY
WAY

align-items: center;



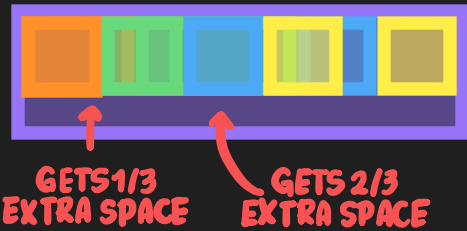


SUMMARY CARD

FLEX CHILDREN

FLEX GROW

HOW FLEX ITEMS GROW TO FILL EXTRA SPACE



flex-grow: 1;	flex-grow: 0;
flex-grow: 2;	flex-grow: 0;

TOTAL FLEX GROW = $1 + 2 + 0 + 0 = 3$

ALIGN SELF

SETS INDIVIDUAL FLEX ITEM ALIGNMENT

align-self: auto;



align-self: flex-end;



align-self: stretch;



align-self: center;



align-self: flex-start;

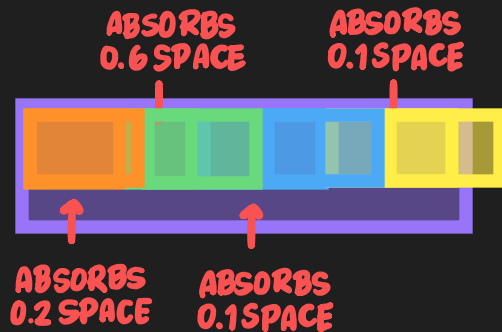


align-self: baseline;



FLEX SHRINK

HOW FLEX ITEMS SHRINK WHERE THERE ISN'T SPACE



flex-shrink: 2;	flex-shrink: 1;
flex-shrink: 6;	flex-shrink: 1;

TOTAL FLEX SHRINK = $2 + 6 + 1 + 1 = 10$

ORDER

order: 0;

LOWER
VALUEHIGHER
VALUE



SUMMARY CARD

FLEX WRAP & ALIGN CONTENT

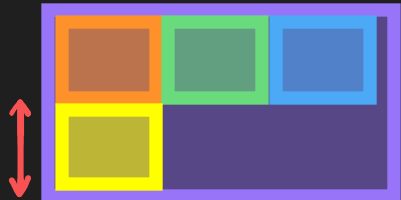
FLEX-WRAP

FLEX ITEMS WRAP ON MULTIPLE LINES
IF THEY EXCEED THE CONTAINER

flex-wrap: wrap;

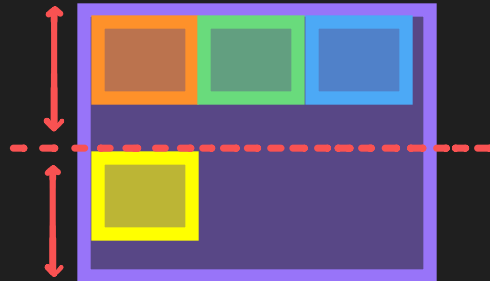
no wrap wrap wrap-reverse

CONTAINER WITH
NO HEIGHT



CONTAINER
EXPANDS

CONTAINER WITH
SET HEIGHT

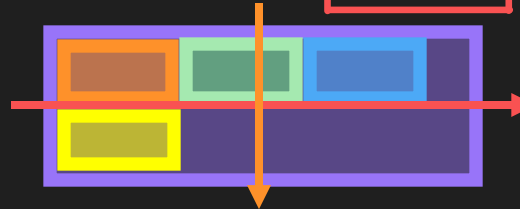


ROWS DIVIDE EQUALLY

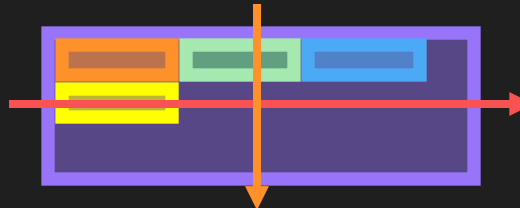
ALIGN CONTENT

FLEX ITEM ALIGNMENT ALONG CROSS AXIS WHEN MULTIPLE ROWS

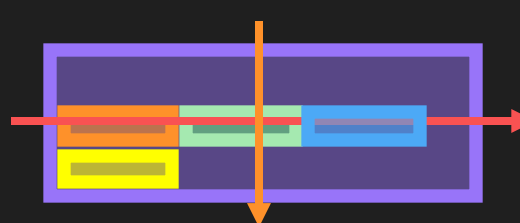
align-content: stretch;



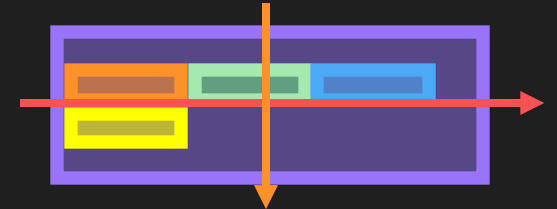
align-content: flex-start;



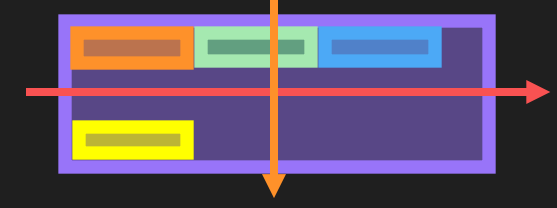
align-content: flex-end;



align-content: center;



align-content: space-between;



align-content: space-around;

