The Flex Model

Main Axis

Cross Axis

Container with display: flex;
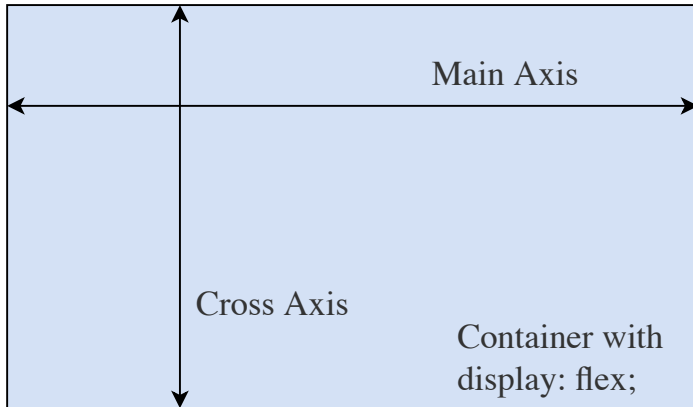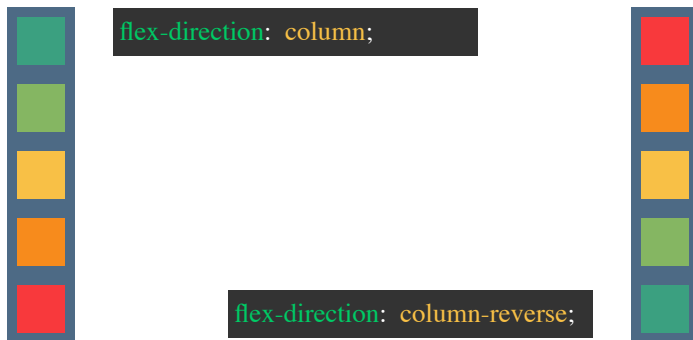
main and cross axis orientation depend on the flex-direction (e.g. for rows the main axis is horizontal)

flex-direction: row;

flex-direction: row-reverse;

flex-direction: column;

flex-direction: column-reverse;

wraps along the main axis

flex-wrap: wrap;

justify-content: flex-start;

justify-content: flex-end;

justify-content: center;

justify-content: space-between;

justify-content: space-around;

justify-content: space-evenly;

justify-content works along the main axis

align-items: flex-start;

align-items: flex-end;

align-items: center;

align-items: stretch;

align-items works along the cross axis

align-content: space-between;

align-content: flex-start;

align-content: flex-end;

align-content: center;

align-content works along the cross axis (between rows or columns)

align-self: flex-end;

affects individual elements within the flex container