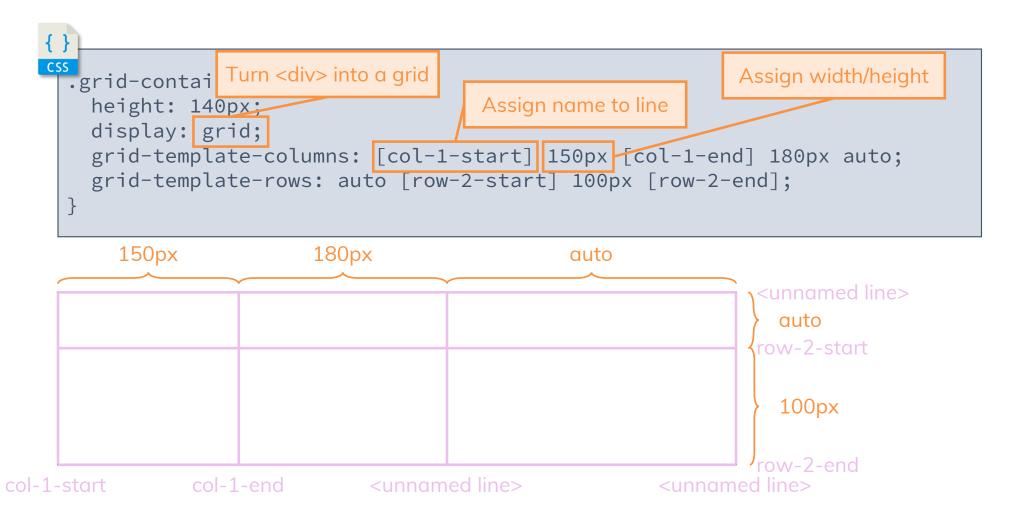
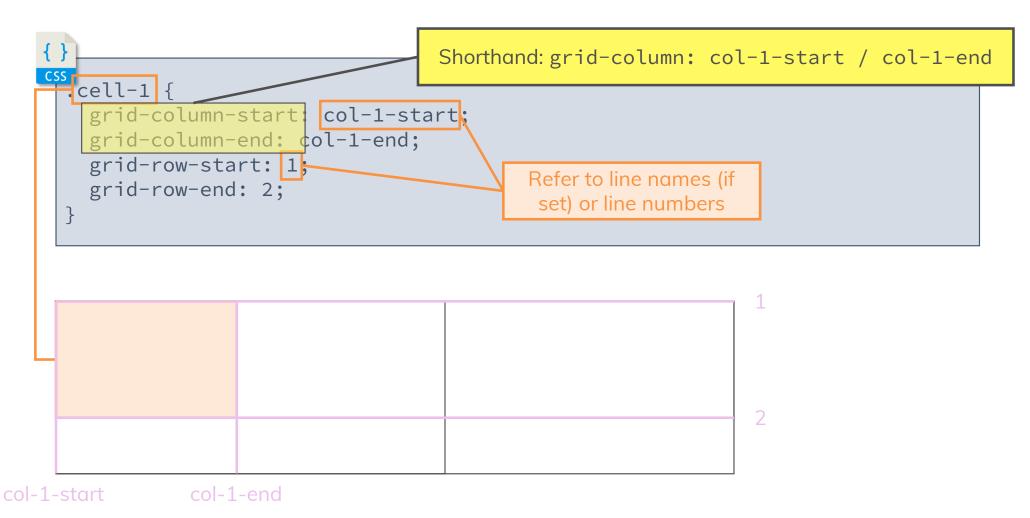
#### **Grid Templates**



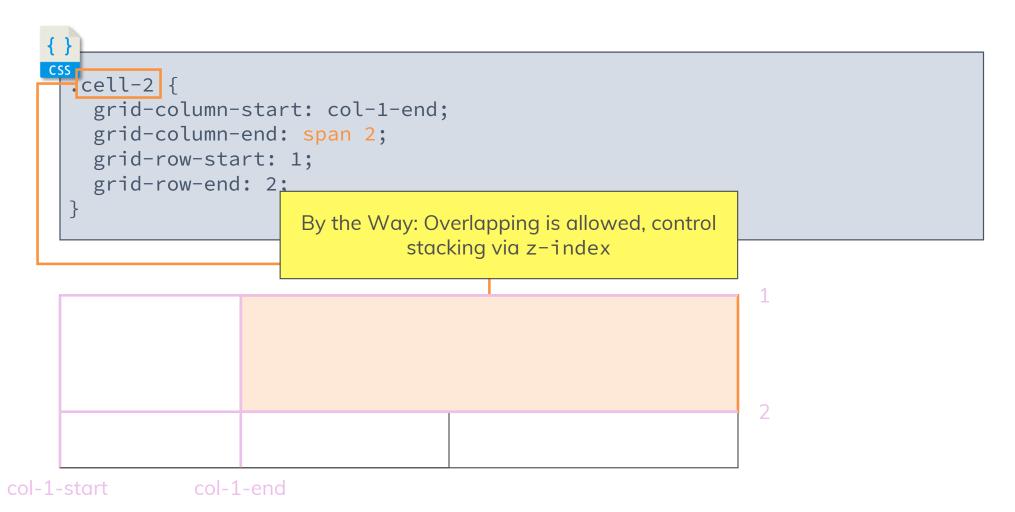
#### From a Grid Cell Perspective



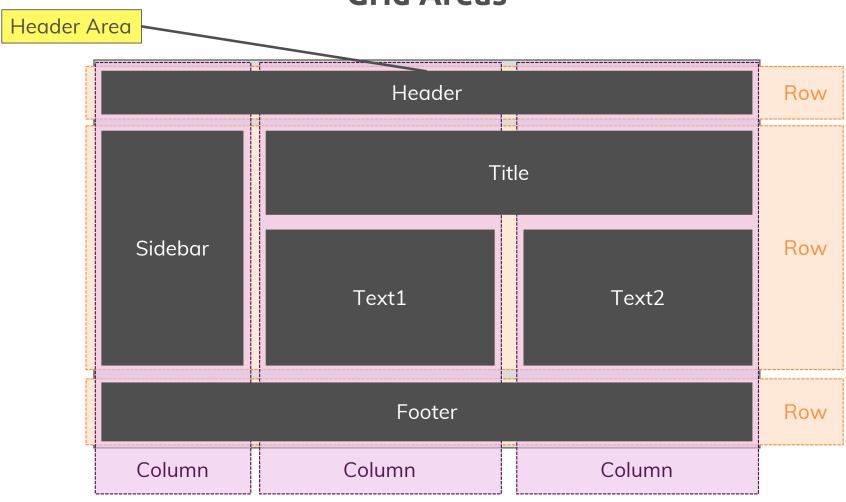
### From a Grid Cell Perspective

```
cell-2 {
       grid-column-start: col-1-end;
       grid-column-end: 4;
       grid-row-start: 1;
       grid-row-end: 2;
col-1-start
               col-1-end
```

#### An Alternative Way



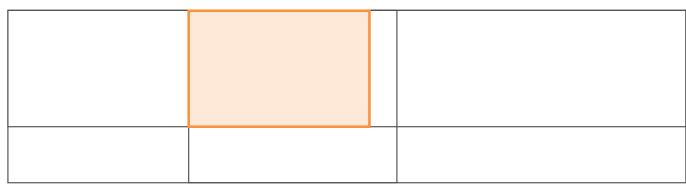
### **Grid Areas**



# From a Grid Cell Perspective

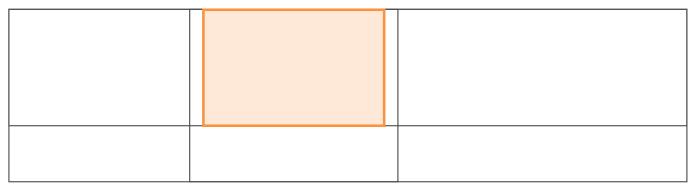
```
.sidebar {
 grid-area: sidebar;
```

## Grid Alignment – Horizontal Start



```
.grid-container {
  justify-items: start;
}
```

## **Grid Alignment - Horizontal Center**



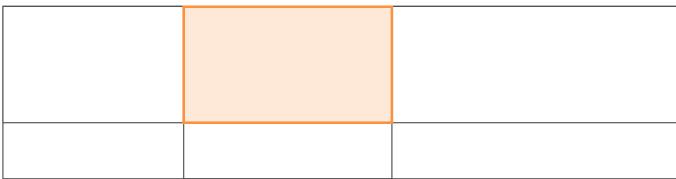
```
.grid-container {
  justify-items: center;
}
```

## **Grid Alignment - Horizontal End**



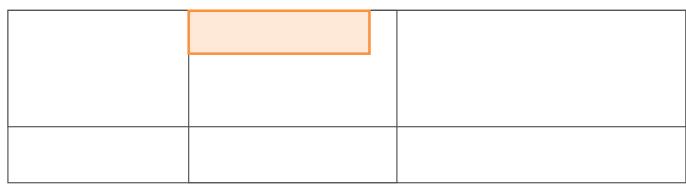
```
.grid-container {
  justify-items: end;
}
```

## **Grid Alignment - Horizontal Stretch**



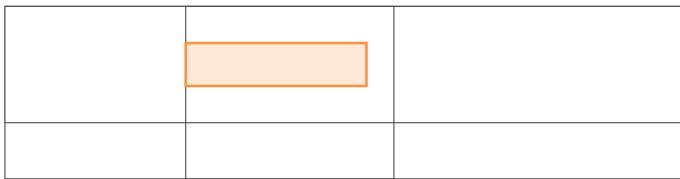
```
.grid-container {
  justify-items: stretch;
}
```

# Grid Alignment – Vertical Start



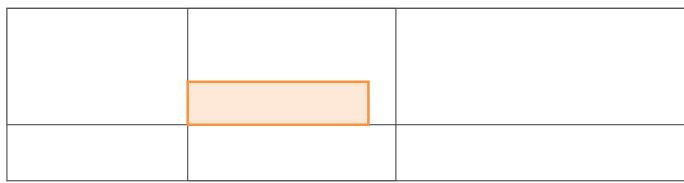
```
.grid-container {
  align-items: start;
}
```

## **Grid Alignment - Vertical Center**



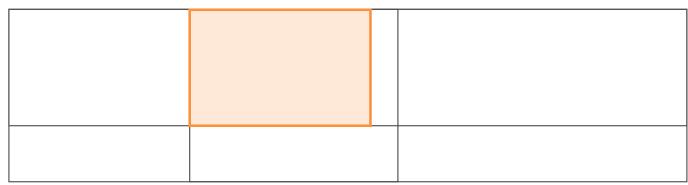
```
.grid-container {
  align-items: center;
}
```

## **Grid Alignment - Vertical End**



```
.grid-container {
  align-items: end;
}
```

## **Grid Alignment - Vertical Stretch**



```
.grid-container {
  align-items: stretch;
}
```

### Grid Alignment – Align Grid Itself

```
grid-container {
   justify-content: start | end | center | stretch | space-around | space-between | space-evenly;
   align-content: start | end | center | stretch | space-around | space-between | space-evenly;
}
```

#### **CSS Grid vs Flexbox**

