The Two-step Grid Process



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The Two-step Grid Process

1. Define a grid

2. Position items



CSS Grid Properties

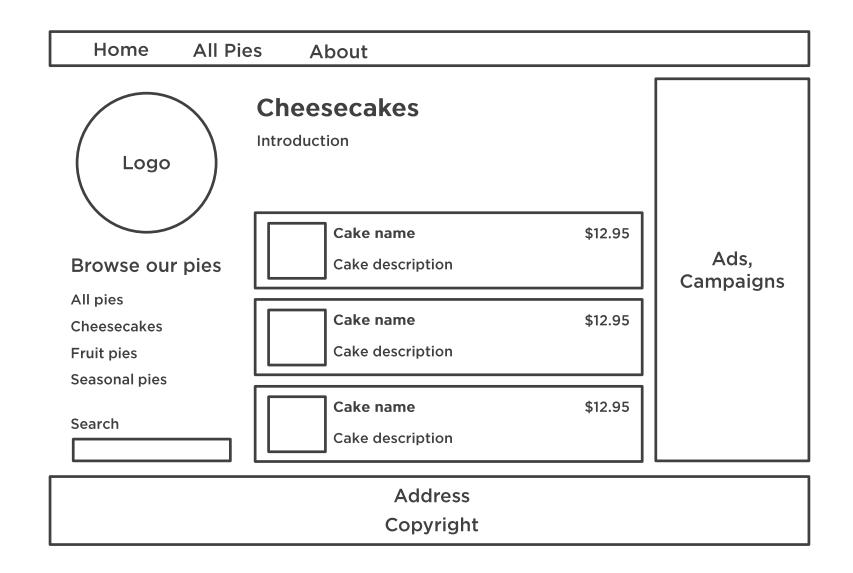
align-content	align-items	align-se	lf grid	grid-area
grid-auto-columns	grid-auto-1	flow gri	id-auto-rows	grid-column
grid-column-end	grid-column-	-gap gri	id-column-start	grip-gap
grid-row	grid-row-end	grid-row-	gap grid-	row-start
grid-template	grid-templ	ate-area	grid-template	e-columns
grid-templ	ate-rows ju	stify-conten	t justify-	items
	justif	y-self (order	



CSS Grid Properties





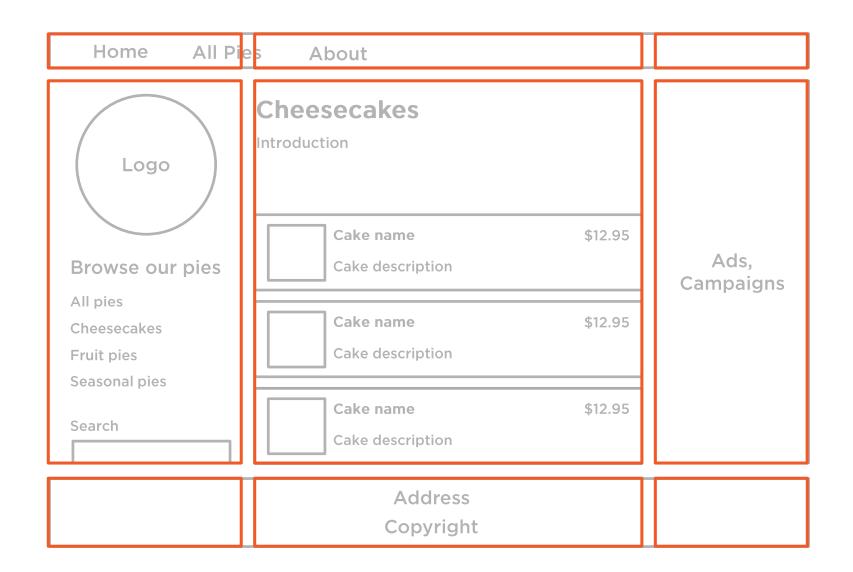


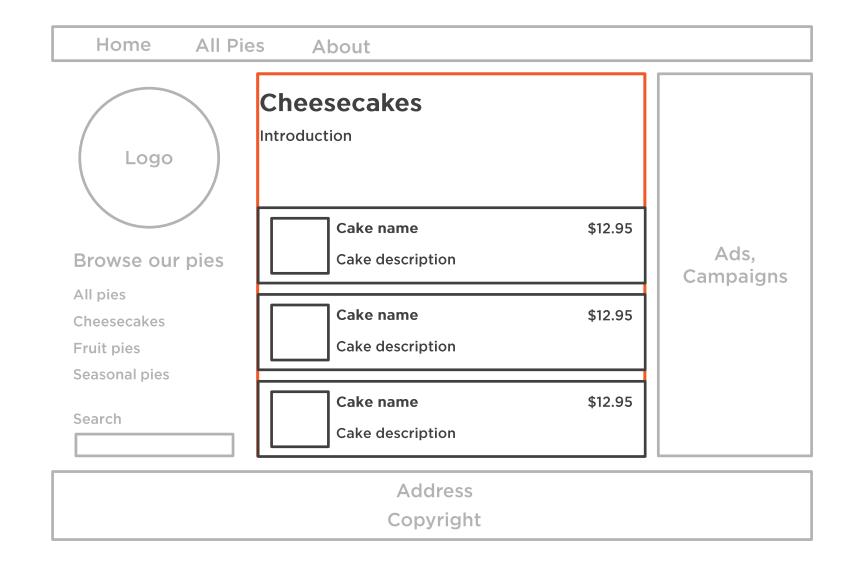


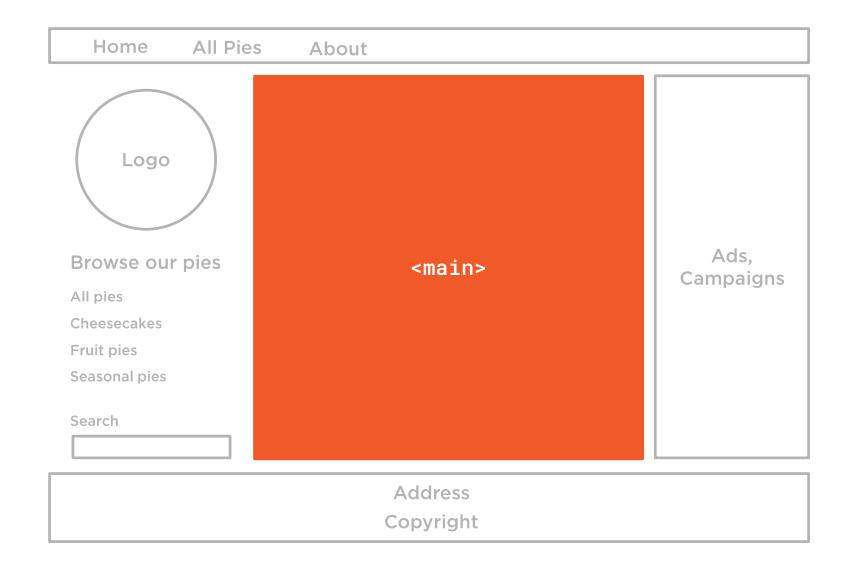
Home All Pi	es About	
Logo	Cheesecakes Introduction	
Browse our pies	Cake name \$12.95 Cake description	Ads, Campaigns
All pies Cheesecakes Fruit pies	Cake name \$12.95 Cake description	
Seasonal pies Search	Cake name \$12.95 Cake description	
	Address Copyright	

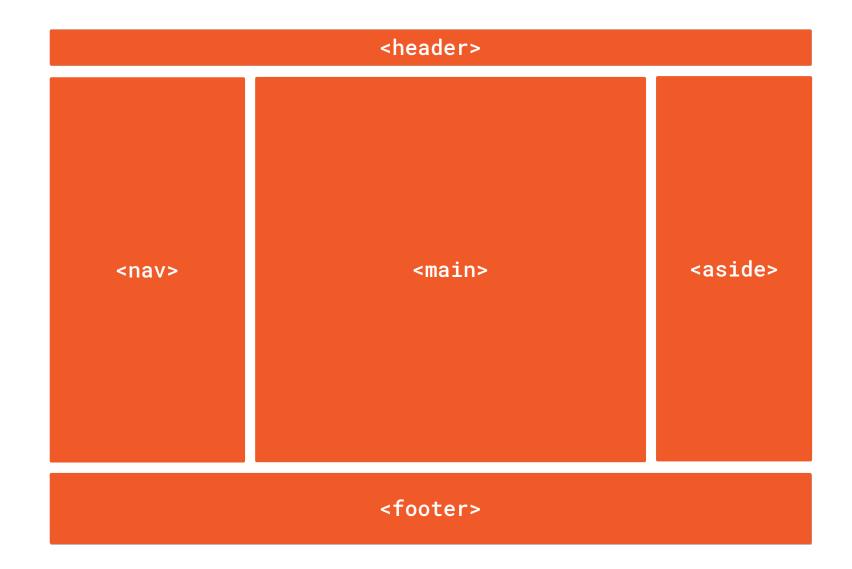














Up Next: Defining Grid Columns



```
[grid container] {
    grid-template-columns: 200px 200px;
}
```



```
[grid container] {
    grid-template-columns: 200px 200px;
}
```



```
[grid container] {
   grid-template-columns: 200px 200p
```



```
[grid container] {
    grid-template-columns: 20em 20em 20em;
}
```



```
[grid container] {
    grid-template-columns: 20rem 20rem;
}
```



```
[grid container] {
    grid-template-columns: 25% 25% 25% 25%;
}
```

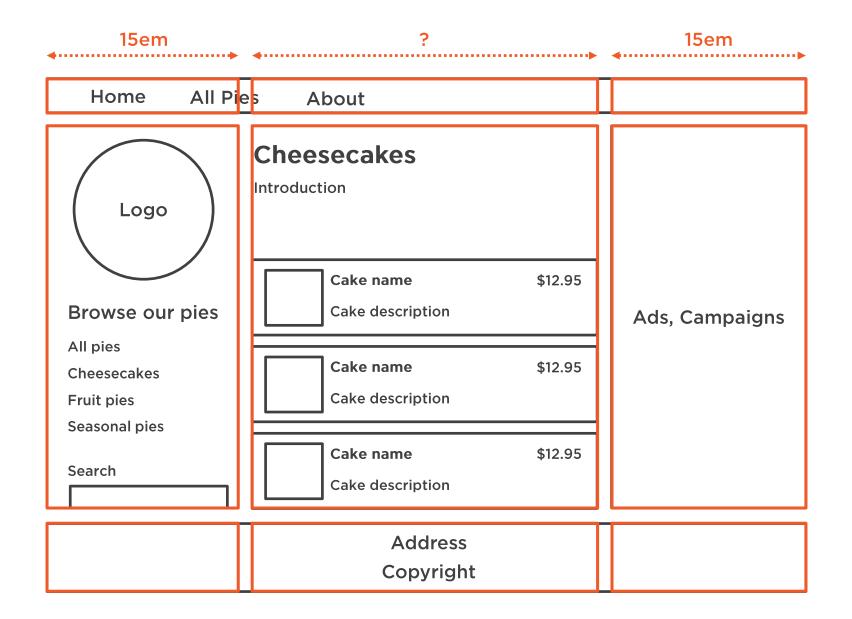


```
[grid container] {
    grid-template-columns: 10em 50% 250px;
}
```



```
[grid container] {
    grid-template-columns: 1fr min-content minmax() fit-content...
}
```





```
[grid container] {
    display: grid;
}
```

display: grid

Makes an element into a grid container



Up Next: Positioning Grid Items



Changing the Position of Grid Items

grid-column-start

grid-column-end



```
[grid item] {
    grid-column-start: [grid line];
}
```

grid-column-start

Defines the grid line a grid item should start at



```
[grid item] {
    grid-column-end: [grid line];
}
```

grid-column-end

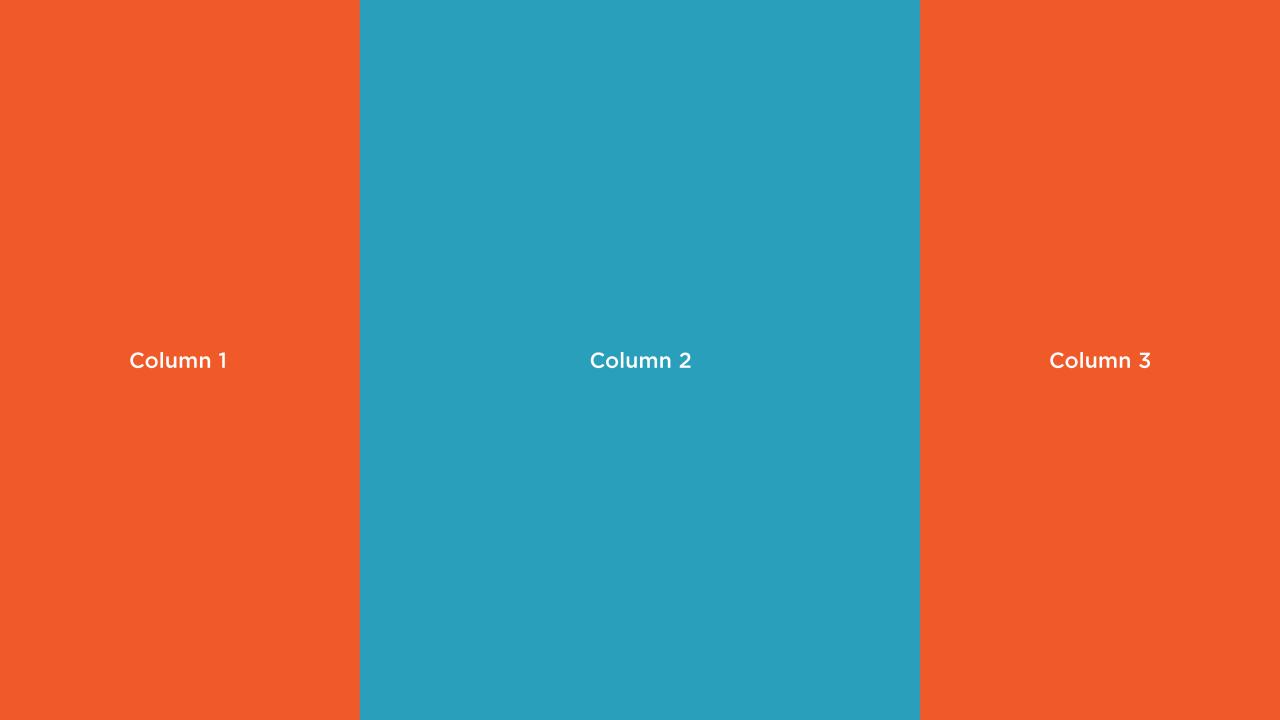
Defines the grid line a grid item should end at

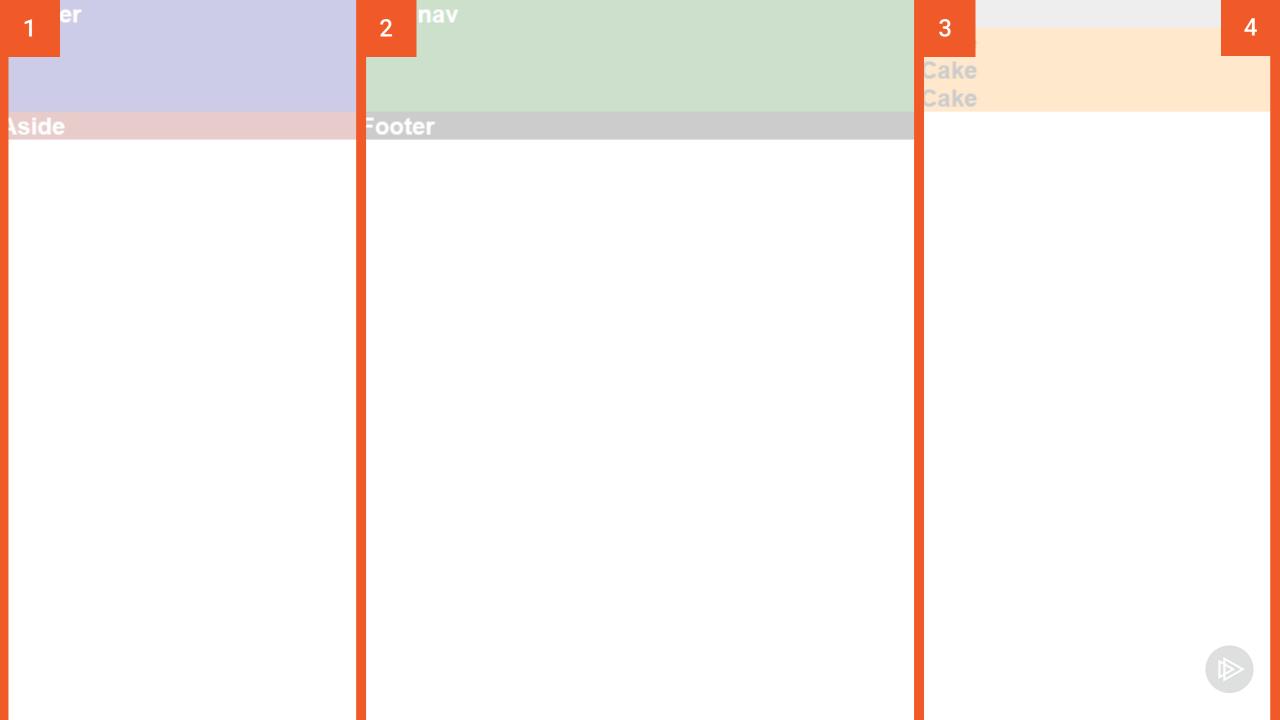


Up Next: Grid Rows and the Implicit Grid

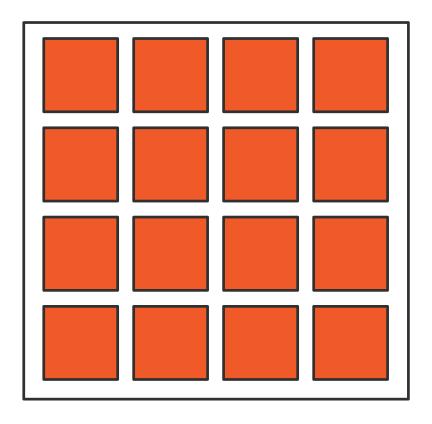


Header	Side nav	Intro	
		Cake	
		Cake Cake	
		Cake Cake	
Aside	Footer		



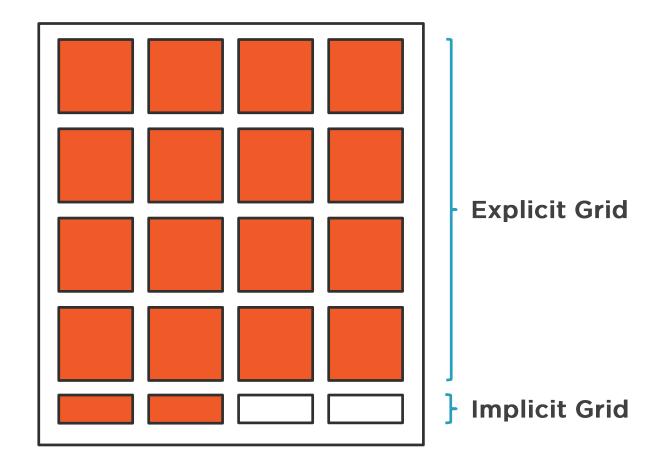


The Implicit Grid





The Implicit Grid





```
[grid container] {
    grid-template-rows: [track sizes];
}
```

grid-template-rows

Defines the number of rows in a grid container and their heights



```
[grid container] {
    grid-template-rows: min-content 200px 200px;
}
```

min-content

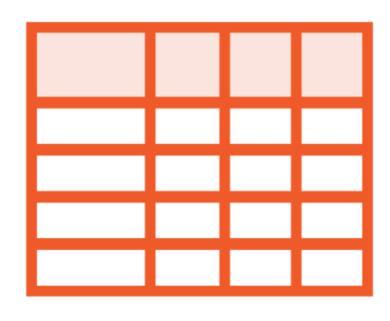
Defines a track size which is large enough to hold its content, but no larger



Up Next: Summarizing the CSS Grid Workflow



CSS Grid Workflow



Define grid

- Reference designs or sketch
- Choose grid container
- Define grid columns, rows

Position items

- Items will go in next available cell
- ...Unless you define special rules



Up Next:

Defining Grids: In-depth

