







A WHOLE NEW MINDSET

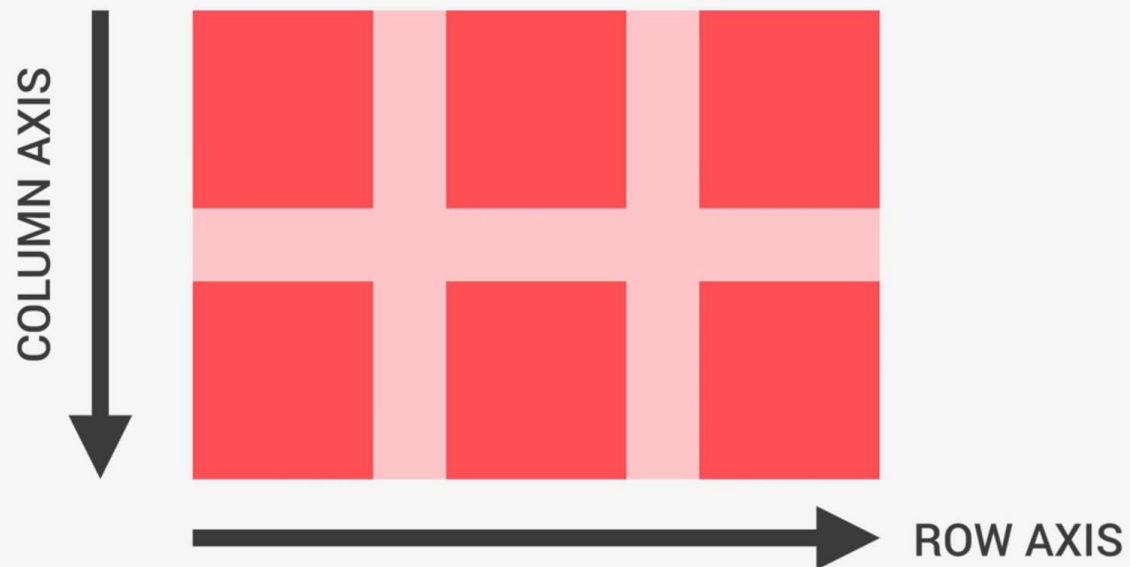
CSS GRID

- CSS Grid Layout is a brand new module that brings a two-dimensional grid system to CSS for the first time;
- CSS Grid replaces float layouts, using less, and more readable and logical CSS and HTML;
- CSS Grid works perfectly together with Flexbox, which is best to handle one-dimensional components and layouts;
- CSS Grid completely changes the way that we envision and build two-dimensional layouts.

A WHOLE NEW MINDSET

1	 World's best luxury homes Lorem, ipsum dolor sit amet consectetur adipisicing elit. Tenetur distinctio necessitatibus pariatur voluptatibus.	2	 Only the best properties Voluptatum mollitia quae. Vero ipsum sapiente molestias accusamus rerum sed a eligendi aut quia.	3	 All homes in top locations Tenetur distinctio necessitatibus pariatur voluptatibus quidem consequatur harum.
2	 New home in one week Vero ipsum sapiente molestias accusamus rerum. Lorem, ipsum dolor sit amet consectetur adipisicing elit.		 Top 1% realtors Quidem consequatur harum, voluptatum mollitia quae. Tenetur distinctio necessitatibus pariatur voluptatibus.		 Secure payments on XXX Pariatur voluptatibus quidem consequatur harum, voluptatum mollitia quae.
3					

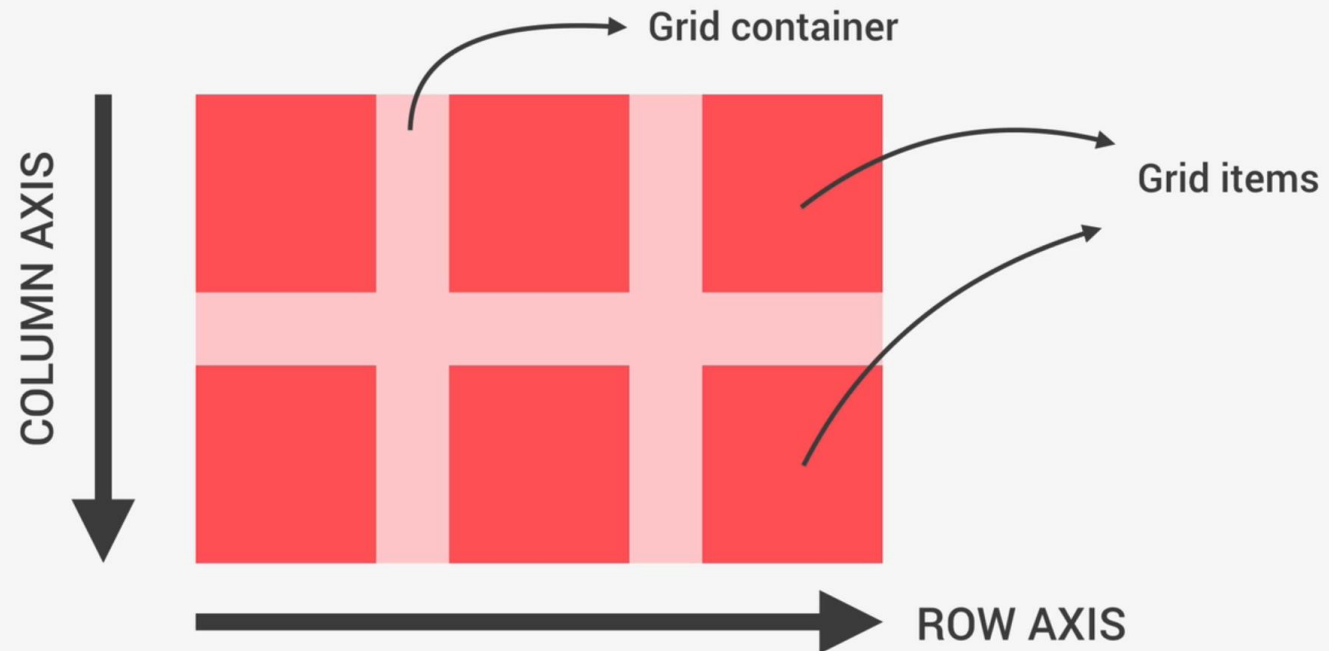
CSS GRID TERMINOLOGY



`display: grid`

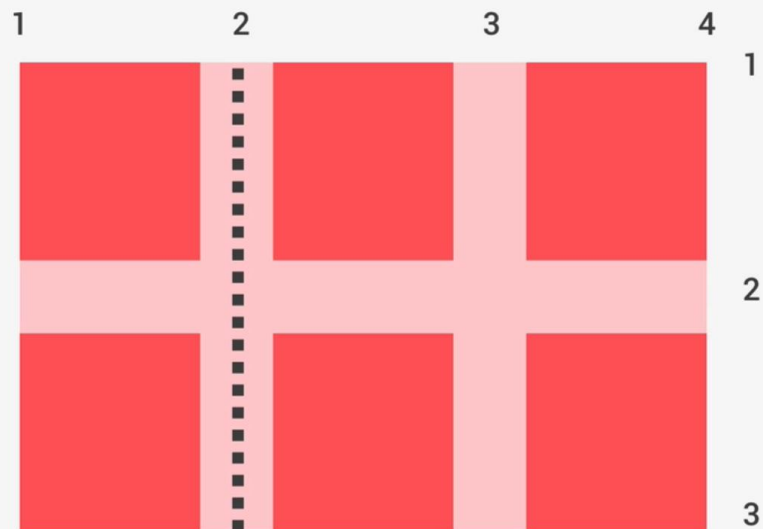
`(display: grid-inline)`

CSS GRID TERMINOLOGY



```
display: grid  
(display: grid-inline)
```

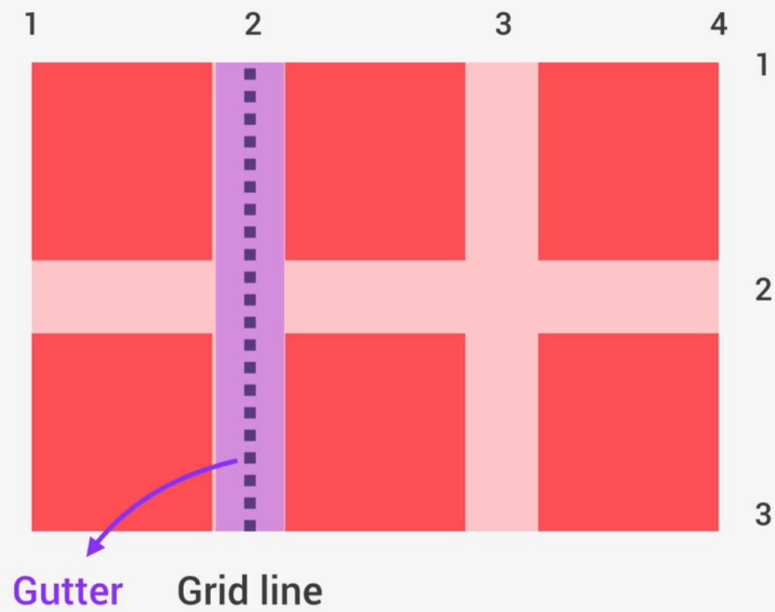
CSS GRID TERMINOLOGY



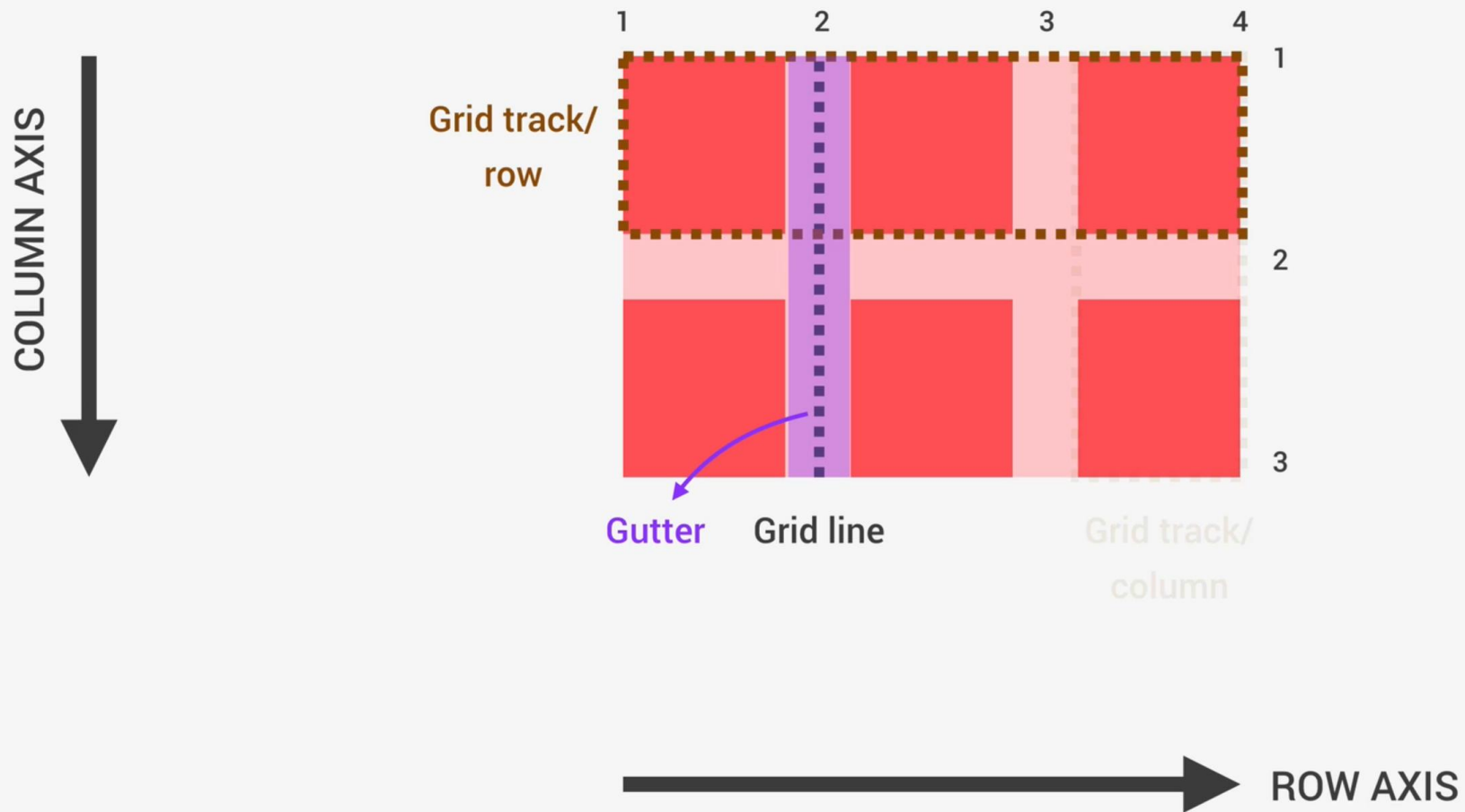
Grid line



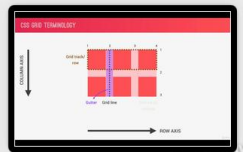
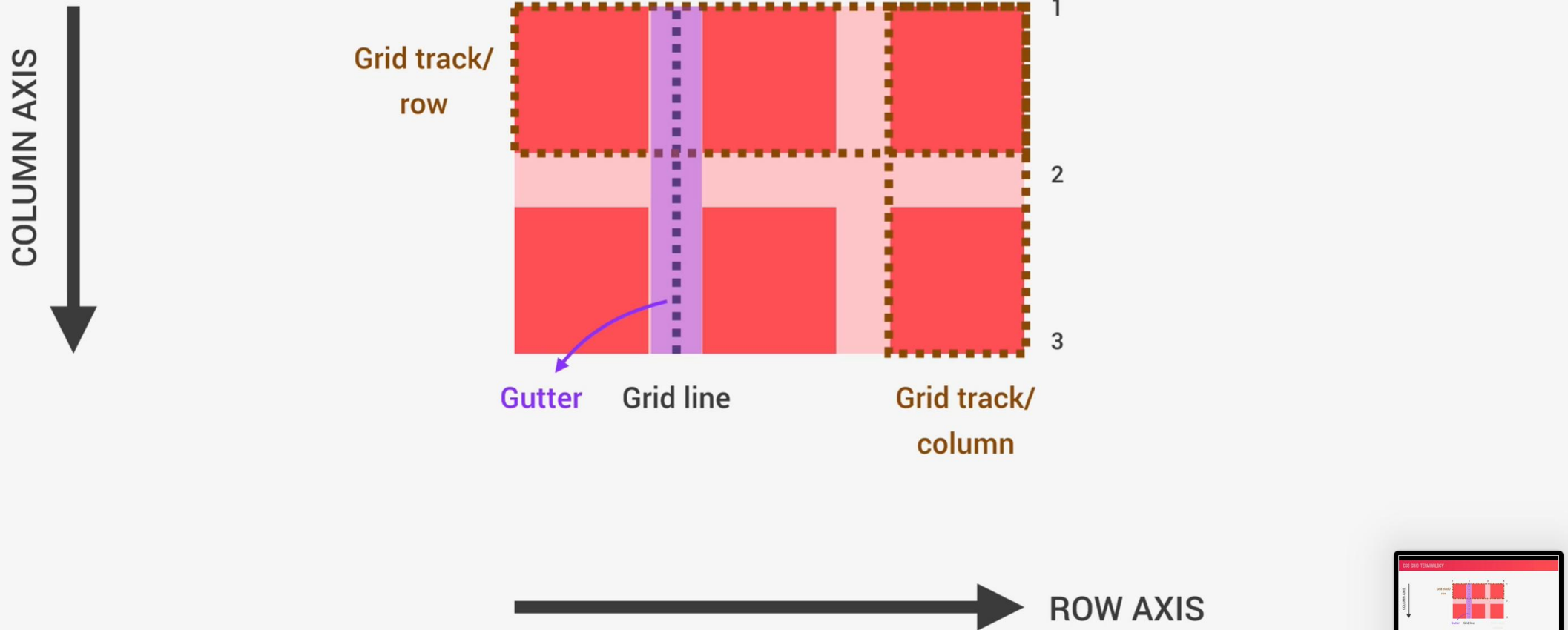
CSS GRID TERMINOLOGY



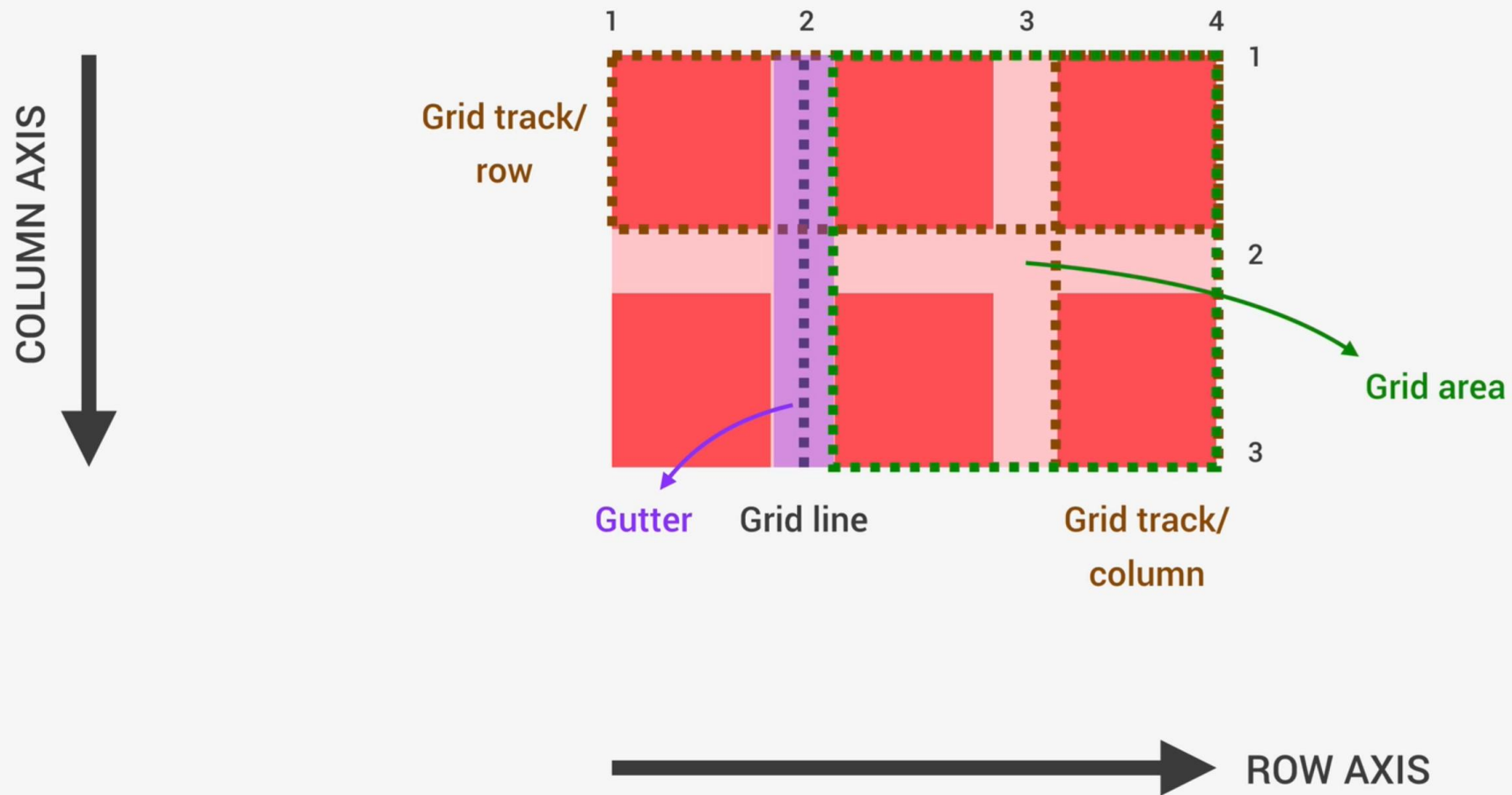
CSS GRID TERMINOLOGY



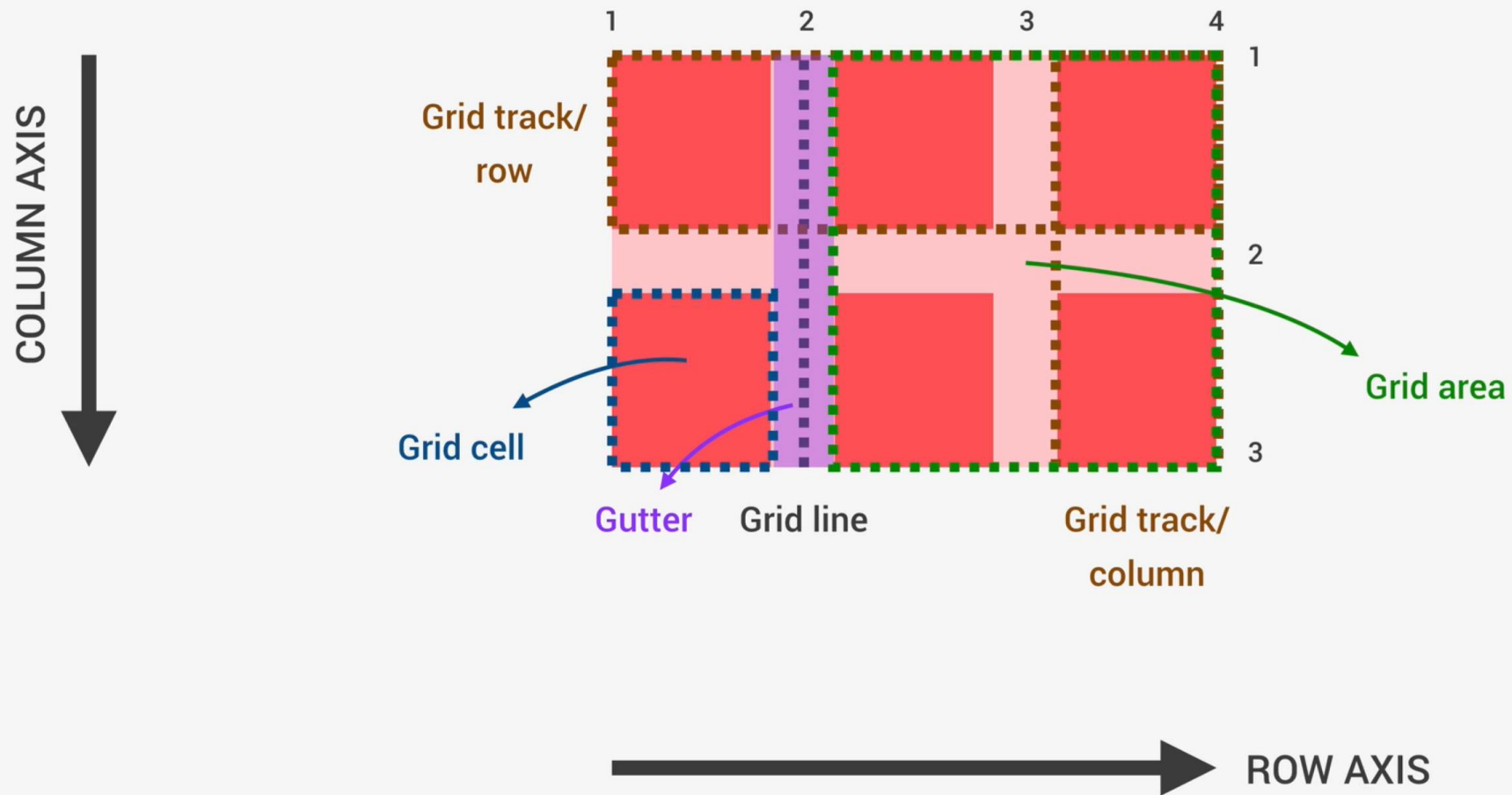
CSS GRID TERMINOLOGY



CSS GRID TERMINOLOGY



CSS GRID TERMINOLOGY



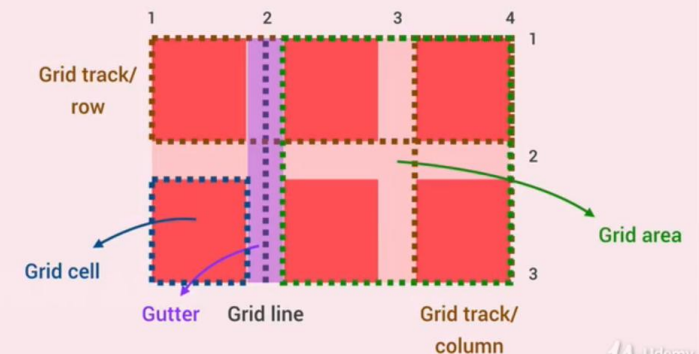
CSS GRID PROPERTIES OVERVIEW

CONTAINER

- 1
 - `grid-template-rows`
 - `grid-template-columns`
 - `grid-template-areas`grid-template
- 2
 - `grid-row-gap`
 - `grid-column-gap`grid-gap
- 3
 - `justify-items`
 - `align-items`
 - `justify-content`
 - `align-content`
- 4
 - `grid-auto-rows`
 - `grid-auto-columns`
 - `grid-auto-flow`

ITEM

- 1
 - `grid-row-start`
 - `grid-row-end`
 - `grid-column-start`
 - `grid-column-end`grid-row grid-column grid-area
- 2
 - `justify-self`
 - `align-self`
- 3
 - `order`



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CSS Grid Intro — Part 2

https://codepen.io/jonasschmedtmann/pen/qpWMeV?editors=1100

50%

Search

Inspe Console Debug Style Performance Memory Network Storage

HTML

```
1 <div class="challenge">
2   <div class="header">Header</div>
3   <div class="small-box-1">Small box 1</div>
4   <div class="small-box-2">Small box 2</div>
5   <div class="small-box-3">Small box 3</div>
6   <div class="main-content">Main content</div>
7   <div class="sidebar">Sidebar</div>
8   <div class="footer">Footer</div>
9 </div>
```

CSS (SCSS)

```
1 .challenge {
2   width: 1000px;
3   margin: 30px auto;
4
5   display: grid;
6   grid-template-rows: 100px 200px 400px 100px;
7   grid-template-columns: repeat(3, 1fr) 200px;
8   grid-gap: 30px;
9
10  & > * {
11    background-color: #f00;
12  }
```

1 Header

2 Small box 1 Small box 2 Small box 3 Sidebar

3 Main content

4 Footer

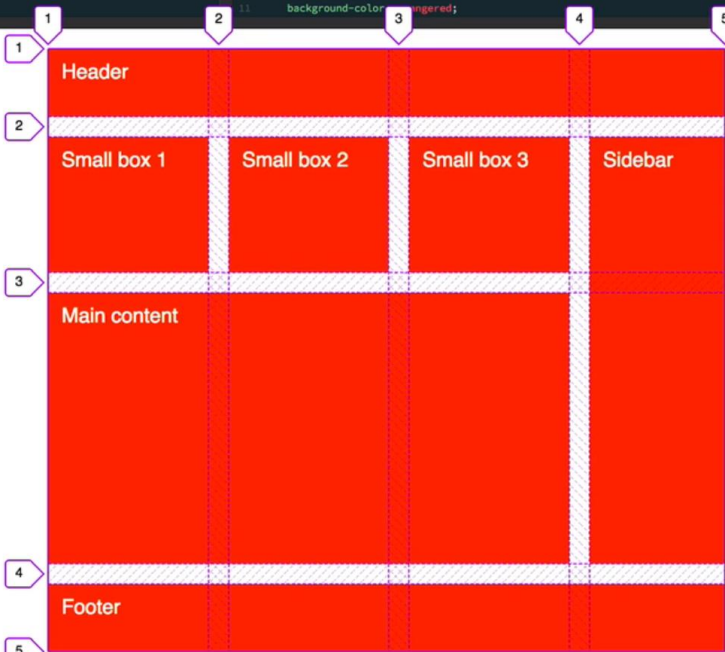
5

Search HTML

```
/boomerang/iframeKey-9890c021-6011-87eb-7c5c-7cf7d54fa9bb/index.html?allowfullscreen="true" sandbox="allow-scripts allow-pointer-lock allow-forms allowtransparency="true">
<!DOCTYPE html>
<html class="" lang="en">
  <head>
  </head>
  <body>
    <div class="challenge">
      <div class="header">Header</div>
      <div class="small-box-1">Small box 1</div>
      <div class="small-box-2">Small box 2</div>
      <div class="small-box-3">Small box 3</div>
      <div class="main-content">Main content</div>
      <div class="sidebar">Sidebar</div>
      <div class="footer">Footer</div>
    </div>
  </body>
</html>
</html>
</iframe>
<div id="asset-bin-goes-here"></div>
<section id="drawer" class="drawer"></section>
<div id="editor-drag-cover" class="drag-cover" style="display: none"></div>
```

1-6011-87eb-7c5c... html body div.challenge div.small-box-3

Rules	Computed	Layout	Animations	Fonts
Overlay Grid				
<input checked="" type="checkbox"/> div.challenge				
Grid Display Settings				
<input checked="" type="checkbox"/> Display line numbers				
<input type="checkbox"/> Display area names				
<input type="checkbox"/> Extend lines infinitely				



Box Model

Console Assets Comments

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