

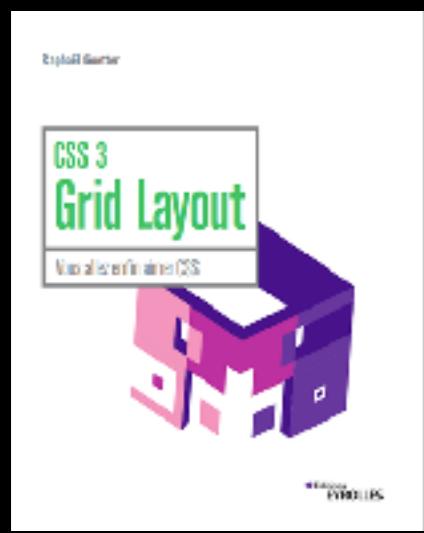
50 nuances de grilles



vue de ma chambre de l'Hôtel Bonaventure, Montréal

Raphaël Goetter

alsacréations®



AND THE WINNER IS...

W3C Candidate Recommendation

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CSS Grid Layout Module Level 1
W3C Candidate Recommendation, 14 December 2017

398 Tests

W3C

This version:
<https://www.w3.org/TR/2017/CR-css-grid-1-20171214/>

Latest published version:
<https://www.w3.org/TR/css-grid-1/>

Editor's Draft:
<https://drafts.csswg.org/css-grid/>

Previous Versions:
<https://www.w3.org/TR/2017/CR-css-grid-1-20170509/>
<https://www.w3.org/TR/2016/WD-css-grid-1-20160519/>
<https://www.w3.org/TR/2015/WD-css-grid-1-20150917/>
<https://www.w3.org/TR/2015/WD-css-grid-1-20150806/>
<https://www.w3.org/TR/2015/WD-css-grid-1-20150317/>
<https://www.w3.org/TR/2014/WD-css-grid-1-20140513/>
<https://www.w3.org/TR/2014/WD-css-grid-1-20140123/>
<https://www.w3.org/TR/2013/WD-css3-grid-layout-20130516/>
<https://www.w3.org/TR/2012/WD-css3-grid-layout-20120516/>

Test Suite:
http://test.csswg.org/suites/css-grid-1_dev/nightly-unstable.html

Issue Tracking:
[Disposition of Comments](#)
[Inline In Spec](#)
[GitHub Issues](#)

Editors:
[Tab Atkins Jr. \(Google\)](#)
[Elika J. Etemad / fantasai \(Invited Expert\)](#)
[Rossen Atanassov \(Microsoft\)](#)





Jake Nelson-Dooley @nelsondooley · 18 min

Yeah sex is cool but have you ever tried CSS Grid?
#webdev #CSS



TL;DR

allège énormément le code HTML

plus simple que float, inline-block, ...

responsive intégré

aligne facilement dans tous les sens

toutes les mises en page sont possibles

supporté par tous les navigateurs

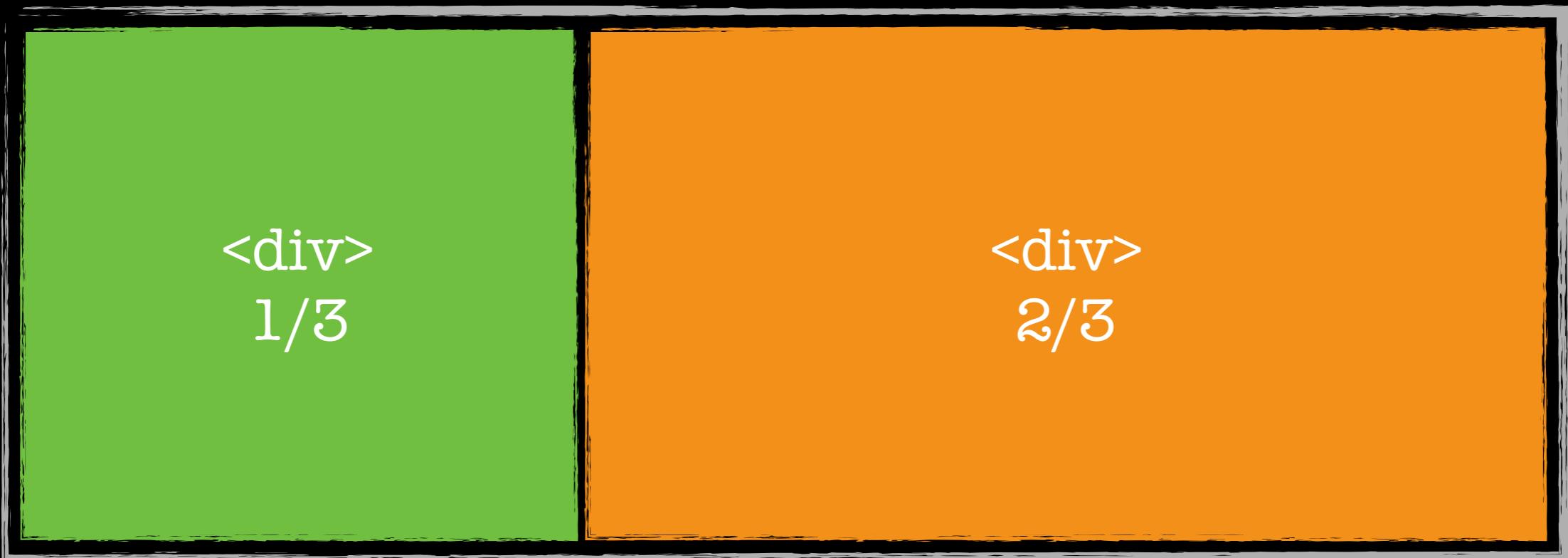
GRID LAYOUT EST UN FRAMEWORK À LUI TOUT SEUL

A close-up photograph of four sausages cooking on a barbecue grill. The sausages are browned and have some charred skin. Printed on the surface of each sausage is a line of HTML code: the first two sausages have '<div>' and '' respectively, while the last two have '<p>' and '<div>' again. A metal tongs is visible between the second and third sausages. The background shows the dark, glowing coals of the barbecue.

échauffement

rapide mise en bouche

TODO!



```
<div>div</div>  
<div>div</div>
```

L'une de ces deux
méthodes utilise
Bootstrap

sauras-tu la retrouver ? 🤔

```
<div class="container">  
  <div class="row no-gutters">  
    <div class="col-4">div</div>  
    <div class="col-8">div</div>  
  </div>  
</div>  
  
.col-4 {  
  flex: 0 0 33.333333%;  
  max-width: 33.333333%;  
}  
.col-8 {  
  flex: 0 0 66.666667%;  
  max-width: 66.666667%;  
}  
  
.row {  
  display: flex;  
  flex-wrap: wrap;  
  margin-right: -15px;  
  margin-left: -15px;  
}  
  
.no-gutters {  
  margin-right: 0;  
  margin-left: 0;  
}  
  
> .col,  
> [class*="col-"] {  
  padding-right: 0;  
  padding-left: 0;  
}  
}
```



```
<div class="container">  
  <div>div</div>  
  <div>div</div>  
</div>
```



```
.container {  
  display: grid;  
  grid-template-columns: 1fr 2fr;  
}
```

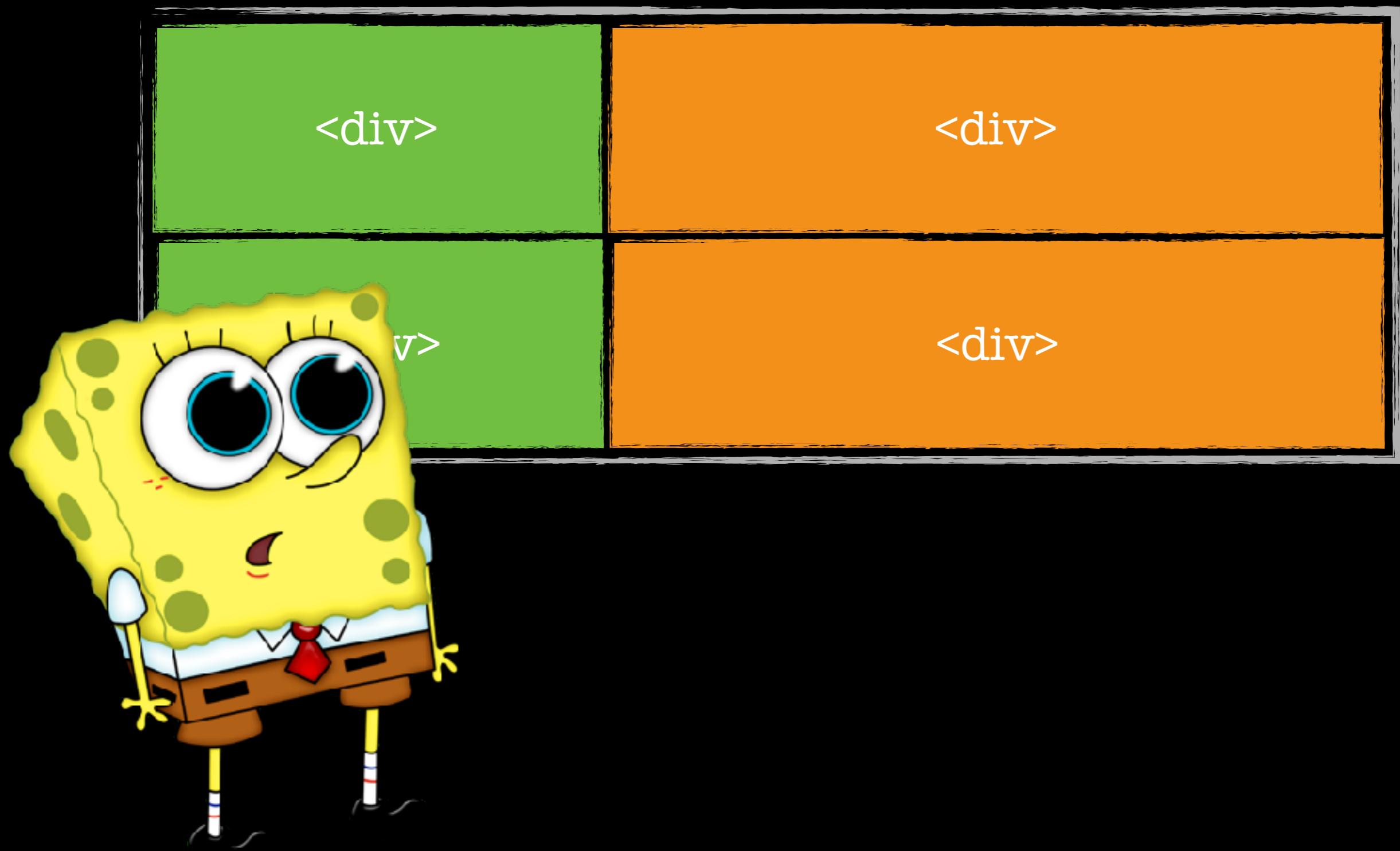
bootstrap 4

```
<div class="container">
  <div class="row no-gutters">
    <div class="col-4">div</div>
    <div class="col-8">div</div>
  </div>
</div>
.row {
  display: flex;
  flex-wrap: wrap;
  margin-right: -15px;
  margin-left: -15px;
}
.col-4 {
  flex: 0 0 33.333333%;
  max-width: 33.333333%;
}
.col-8 {
  flex: 0 0 66.666667%;
  max-width: 66.666667%;
}
.no-gutters {
  margin-right: 0;
  margin-left: 0;
}
> .col,
> [class*="col-"] {
  padding-right: 0;
  padding-left: 0;
}
```

grid layout

```
<div class="container">
  <div>div</div>
  <div>div</div>
</div>
.container {
  display: grid;
  grid-template-columns: 1fr 2fr;
}
```

TODO!



```
<div class="container">  
  <div class="row no-gutters">  
    <div class="col-4">div</div>  
    <div class="col-8">div</div>  
  </div>  
  <div class="row no-gutters">  
    <div class="col-4">div</div>  
    <div class="col-8">div</div>  
  </div>  
</div>
```

```
.col-4 {  
  flex: 0 0 33.33333%;  
  max-width: 33.33333%;  
}  
.col-8 {  
  flex: 0 0 66.66667%;  
  max-width: 66.66667%;  
}
```

```
.row {  
  display: flex;  
  flex-wrap: wrap;  
  margin-right: -15px;  
  margin-left: -15px;  
}  
.no-gutters {  
  margin-right: 0;  
  margin-left: 0;  
}> .col,  
> [class*="col-"] {  
  padding-right: 0;  
  padding-left: 0;  
}  
}
```

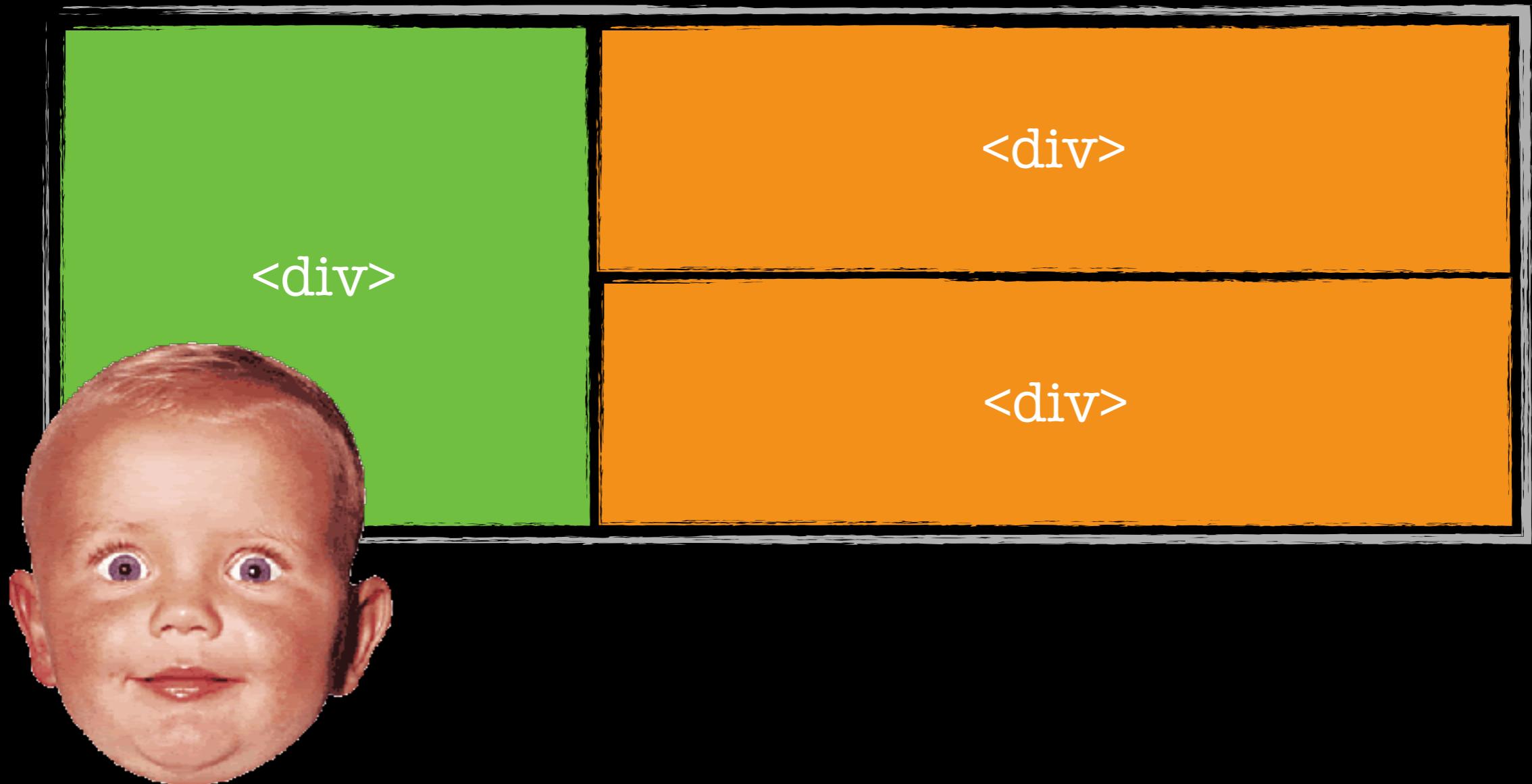


```
<div class="container">  
  <div>div</div>  
  <div>div</div>  
  <div>div</div>  
  <div>div</div>  
</div>
```



```
.container {  
  display: grid;  
  grid-template-columns: 1fr 2fr;  
}
```

TODO!





```
<div class="container">  
  <div>div</div>  
  <div>div</div>  
  <div>div</div>  
</div>
```



```
.container {  
  display: grid;  
  grid-template-columns: 1fr 2fr;  
}  
div:first-child {  
  grid-row: span 2;  
}
```

bootstrap

grid layout



bon c'est pas tout ça, mais...

TU ME MONTRES ?

The image shows a code editor interface with two panes: HTML and CSS. To the right of the editor is a visual representation of the DOM structure.

HTML:

```
1 <div class="container">
2   <header>header</header>
3   <nav>nav</nav>
4   <article>article</article>
5   <footer>footer</footer>
6 </div>
```

CSS:

```
1 .container {
2   border: 4px dotted gray;
3 }
```

DOM Structure:

- header (pink background)
- nav (blue background)
- article (green background)
- footer (orange background)

The visual representation consists of four colored rectangular boxes stacked vertically, each labeled with its corresponding HTML element name. A dotted border surrounds the entire structure.



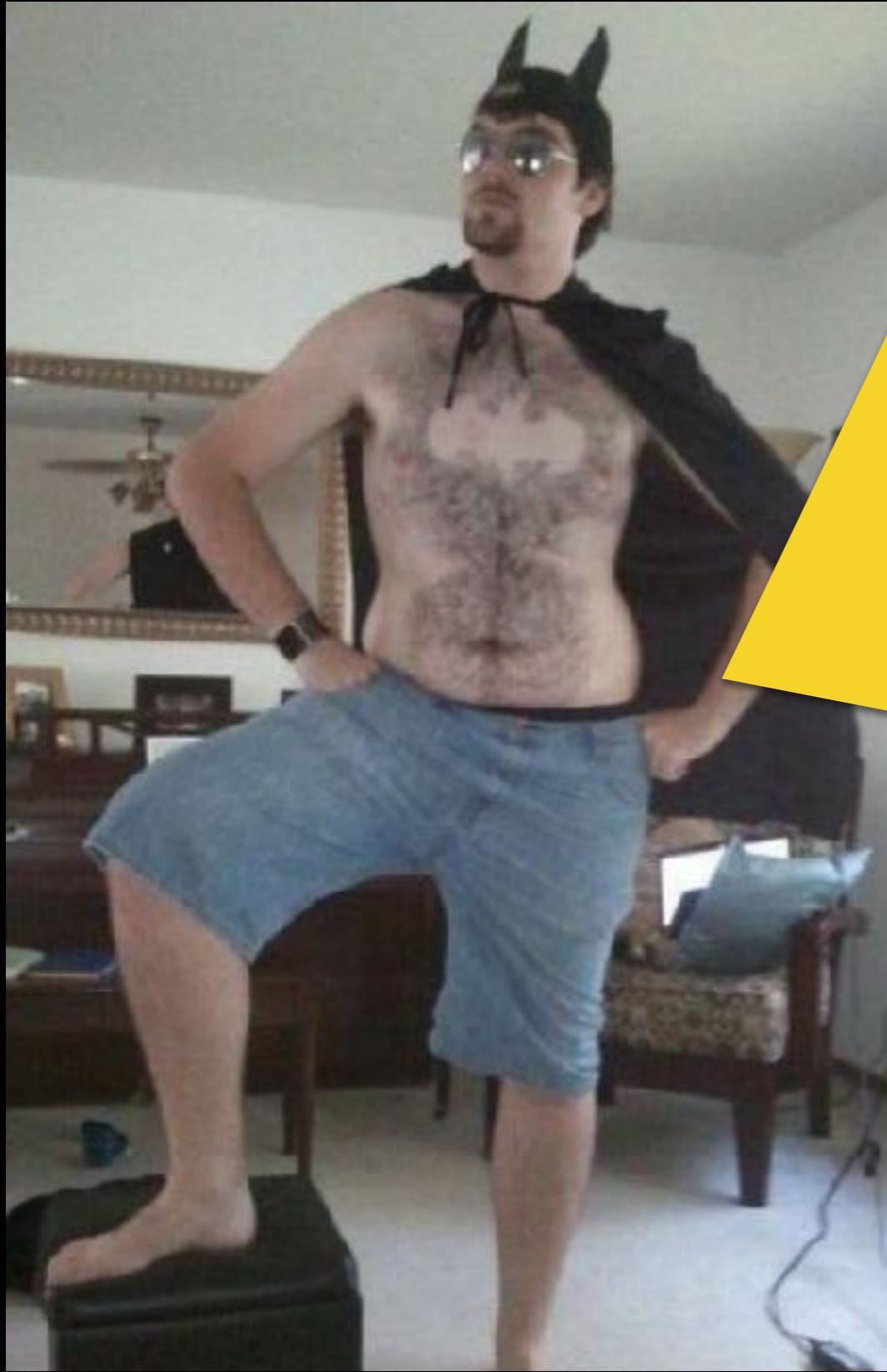
MAIS ON
FAiSAiT CA EN 1996
AVEC <TABLE> !

HEIN MARTY ?



NOPE

<table> layout



grid layout



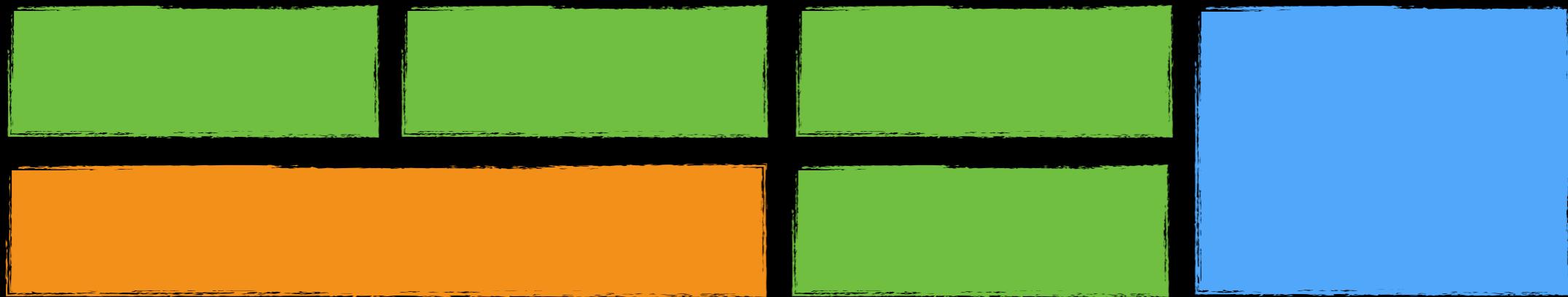
A promotional image from the movie Back to the Future. It features two main characters: Doc Brown (on the left) and Marty McFly (on the right). Doc is wearing his signature lab coat and holding a small, metallic device with a antenna. Marty is wearing his iconic orange vest over a plaid shirt. They are both looking upwards with expressions of surprise or awe. In the upper right corner, there is a large, hand-drawn style speech bubble containing text.

OUI MAIS ON
FAiSAiT CA EN 2014
AVEC FLEXBOX !

ACHETEZ LE
LIVRE DE
RAPHAEL



grid layout



flexbox





A scene from the movie Back to the Future. Marty McFly (Michael J. Fox) is on the left, looking up at Doc Brown (Christopher Lloyd). Doc is holding a small electronic device with a antenna. A large, hand-drawn style speech bubble originates from Doc's head, containing the text "EUH MAIS ON FAIT CA AUJOURD'HUI AVEC BOOTSTRAP !". A smaller, hand-drawn style speech bubble originates from Marty's head, containing the text "OU KNACSS".

EUH MAIS ON FAiT
CA AUJOURD'HUi
AVEC BOOTSTRAP !

OU
KNACSS



bootstrap.min.css (juste la grille)

```
html{font-family:sans-serif;-ms-text-size-adjust:100%;-webkit-text-size-adjust:100%}body{margin:0}article,aside,details,figcaption,figure,footer,header,hgroup,main,nenu,nav,section,summary{display:block}audio,canvas,progress,video{display:inline-block;vertical-align:baseline}audio:not([controls]) {display:none; height:0}[hidden],template{display:none}a{background-color:transparent}a:active,a:hover{outline:0}abbr[title]{border-bottom:1px dotted}b,strong{font-weight:bold}dfn{font-style:italic}h1{font-size:2em; margin:0.67em 0}mark{background:#ff0;color:#000}small{font-size:80%}sub,sup{font-size:75%; line-height:0; position:relative; vertical-align:baseline}sub{top:-0.25em}sup{bottom:-0.25em}img{border:0}svg:not(:root){overflow:hidden}figure{margin:1em 40px}hr{ webkit-box-sizing:content-box; -moz-box-sizing:content-box; box-sizing:content-box; height:0; border:0; border-top:1px solid black; margin-bottom:1em}pre{overflow:auto}code,kbd,pre,samp{font-family:monospace, monospace;font-size:1em}button,input,optgroup,select,textarea{color:inherit;font:inherit; margin:0}button{overflow:visible}button,select{text-transform:none}button,html input[type="button"],input[type="reset"],input[type="submit"]{-webkit-appearance:button; cursor:pointer}button[disabled],html input[disabled]{cursor:default}button::-moz-focus-inner{border:0;padding:0}input{line-height:normal}input[type="checkbox"],input[type="radio"]{-webkit-box-sizing:border-box;-moz-box-sizing:border-box;box-sizing:border-box;padding:0}input[type="number"]::-webkit-inner-spin-button,input[type="number"]::-webkit-outer-spin-button{height:auto}input[type="search"]{-webkit-appearance:textfield;-webkit-box-sizing:content-box;-moz-box-sizing:content-box;box-sizing:content-box}input[type="search"]::-webkit-search-cancel-button,input[type="search"]::-webkit-search-decoration{-webkit-appearance:none}fieldset{border:1px solid #ccc; margin:0.2em; padding:0.35em 0.625em}0.75em}legend{border:0; padding:0}textarea{overflow:auto}optgroup{font-weight:bold}table{border-collapse:collapse; border-spacing:0}td,th{padding:0}*-webkit-box-sizing:border-box;-moz-box-sizing:border-box;box-sizing:border-box}*:before,*:after{-webkit-box-sizing:border-box;-moz-box-sizing:border-box;box-sizing:border-box}*-moz-box-sizing:border-box;box-sizing:border-box}html{font-size:10px;-webkit-tap-highlight-color:rgba(0,0,0,0)}body{font-family:"Helvetica Neue", Helvetica, Arial, sans-serif; font-size:14px; line-height:1.42857143; color:#333; background-color:#fff}input,button,select,textarea{font-family:inherit; font-size:inherit; line-height:inherit}a{color:#337ab7;text-decoration:none}a:hover,a:focus{color:#23527c;text-decoration:underline}a:focus{outline:0 auto -webkit-focus-ring-color; outline-offset:-2px}figure{margin:0}img{vertical-align:middle}.img-responsive{display:block; max-width:100%; height:auto}.img-rounded{border-radius:4px}.img-thumbnail{padding:4px; line-height:1.42857143; background-color:#fff; border:1px solid #ddd; border-radius:4px; -webkit-transition:all .2s ease-in-out; transition:all .2s ease-in-out; display:inline-block; max-width:100%; height:auto}.img-circle{border-radius:50%}hr{margin-top:20px; margin-bottom:20px; border:0; border-top:1px solid #eee}.sr-only{position: absolute; width:1px; height:1px; margin:-1px; padding:0; overflow:hidden; clip:rect(0,0,0,0); border:0}.sr-only-focusable:active,.sr-only-focuseable:active{outline:0}focus{position:static; width:auto; height:auto; margin:0; overflow:visible; clip:auto}[role="button"]{cursor:pointer}container{margin-right:auto; margin-left:auto; padding-left:15px; padding-right:15px}@media (min-width:768px){.container{width:750px}}@media (min-width:992px){.container{width:970px}}@media (min-width:1200px){.container{width:1170px}}.container-fluid{margin-right:auto; margin-left:auto; padding-left:15px; padding-right:15px}.row{margin-left:-15px; margin-right:-15px}.col-xs-1,.col-sm-1,.col-md-1,.col-lg-1,.col-xs-2,.col-sm-2,.col-md-2,.col-lg-2,.col-xs-3,.col-sm-3,.col-md-3,.col-lg-3,.col-xs-4,.col-sm-4,.col-md-4,.col-lg-4,.col-xs-5,.col-sm-5,.col-md-5,.col-lg-5,.col-xs-6,.col-sm-6,.col-md-6,.col-lg-6,.col-xs-7,.col-sm-7,.col-md-7,.col-lg-7,.col-xs-8,.col-sm-8,.col-md-8,.col-lg-8,.col-xs-9,.col-sm-9,.col-md-9,.col-lg-9,.col-xs-10,.col-sm-10,.col-md-10,.col-lg-10,.col-xs-11,.col-sm-11,.col-md-11,.col-lg-11,.col-xs-12,.col-sm-12,.col-md-12,.col-lg-12{position: relative; min-height:1px; padding-left:15px; padding-right:15px}.col-xs-1,.col-sm-2,.col-md-3,.col-lg-4,.col-xs-3,.col-sm-4,.col-md-5,.col-lg-6,.col-xs-4,.col-sm-5,.col-md-6,.col-lg-7,.col-xs-5,.col-sm-6,.col-md-7,.col-lg-8,.col-xs-6,.col-sm-7,.col-md-8,.col-lg-9,.col-xs-7,.col-sm-8,.col-md-9,.col-lg-10,.col-xs-8,.col-sm-9,.col-md-10,.col-lg-11,.col-xs-9,.col-sm-10,.col-md-11,.col-lg-12(.float:left).col-xs-11,.col-sm-12,.col-md-13,.col-lg-14(.width:100%).col-xs-12(.width:91.66666667%).col-sm-13(.width:83.33333333%).col-md-14(.width:75%).col-xs-13(.width:75%).col-sm-14(.width:66.66666667%).col-md-15(.width:58.33333333%).col-lg-16(.width:50%).col-sm-16(.width:41.66666667%).col-md-17(.width:33.33333333%).col-lg-18(.width:25%).col-sm-18(.width:16.66666667%).col-md-19(.width:11.11111111%).col-lg-20(.width:7.77777777%).col-sm-20(.width:5%).col-md-21(.width:3.33333333%).col-lg-22(.width:2.22222222%).col-sm-22(.width:1.44444444%).col-md-23(.width:0.88888888%).col-lg-24(.width:0.55555556%).col-sm-24(.width:0.33333333%).col-md-25(.width:0.22222222%).col-lg-26(.width:0.14444444%).col-sm-26(.width:0.08888888%).col-md-27(.width:0.05555556%).col-lg-28(.width:0.03333333%).col-sm-28(.width:0.02222222%).col-md-29(.width:0.01444444%).col-lg-30(.width:0.01111111%).col-sm-30(.width:0.00555556%).col-md-31(.width:0.00333333%).col-lg-32(.width:0.00222222%).col-sm-32(.width:0.00144444%).col-md-33(.width:0.00111111%).col-lg-34(.width:0.00055556%).col-sm-34(.width:0.00033333%).col-md-35(.width:0.00022222%).col-lg-36(.width:0.00014444%).col-sm-36(.width:0.00011111%).col-md-37(.width:0.00005556%).col-lg-38(.width:0.00003333%).col-sm-38(.width:0.00002222%).col-md-39(.width:0.00001444%).col-lg-40(.width:0.00001111%).col-sm-40(.width:0.00000556%).col-md-41(.width:0.00000333%).col-lg-42(.width:0.00000222%).col-sm-42(.width:0.00000144%).col-md-43(.width:0.00000111%).col-lg-44(.width:0.00000056%).col-sm-44(.width:0.00000033%).col-md-45(.width:0.00000022%).col-lg-46(.width:0.00000014%).col-sm-46(.width:0.00000011%).col-md-47(.width:0.00000005%).col-lg-48(.width:0.00000003%).col-sm-48(.width:0.00000002%).col-md-49(.width:0.00000001%).col-lg-50(.width:0.00000001%).col-sm-50(.width:0.00000001%).col-md-51(.width:0.00000001%).col-lg-52(.width:0.00000001%).col-sm-52(.width:0.00000001%).col-md-53(.width:0.00000001%).col-lg-54(.width:0.00000001%).col-sm-54(.width:0.00000001%).col-md-55(.width:0.00000001%).col-lg-56(.width:0.00000001%).col-sm-56(.width:0.00000001%).col-md-57(.width:0.00000001%).col-lg-58(.width:0.00000001%).col-sm-58(.width:0.00000001%).col-md-59(.width:0.00000001%).col-lg-60(.width:0.00000001%).col-sm-60(.width:0.00000001%).col-md-61(.width:0.00000001%).col-lg-62(.width:0.00000001%).col-sm-62(.width:0.00000001%).col-md-63(.width:0.00000001%).col-lg-64(.width:0.00000001%).col-sm-64(.width:0.00000001%).col-md-65(.width:0.00000001%).col-lg-66(.width:0.00000001%).col-sm-66(.width:0.00000001%).col-md-67(.width:0.00000001%).col-lg-68(.width:0.00000001%).col-sm-68(.width:0.00000001%).col-md-69(.width:0.00000001%).col-lg-70(.width:0.00000001%).col-sm-70(.width:0.00000001%).col-md-71(.width:0.00000001%).col-lg-72(.width:0.00000001%).col-sm-72(.width:0.00000001%).col-md-73(.width:0.00000001%).col-lg-74(.width:0.00000001%).col-sm-74(.width:0.00000001%).col-md-75(.width:0.00000001%).col-lg-76(.width:0.00000001%).col-sm-76(.width:0.00000001%).col-md-77(.width:0.00000001%).col-lg-78(.width:0.00000001%).col-sm-78(.width:0.00000001%).col-md-79(.width:0.00000001%).col-lg-80(.width:0.00000001%).col-sm-80(.width:0.00000001%).col-md-81(.width:0.00000001%).col-lg-82(.width:0.00000001%).col-sm-82(.width:0.00000001%).col-md-83(.width:0.00000001%).col-lg-84(.width:0.00000001%).col-sm-84(.width:0.00000001%).col-md-85(.width:0.00000001%).col-lg-86(.width:0.00000001%).col-sm-86(.width:0.00000001%).col-md-87(.width:0.00000001%).col-lg-88(.width:0.00000001%).col-sm-88(.width:0.00000001%).col-md-89(.width:0.00000001%).col-lg-90(.width:0.00000001%).col-sm-90(.width:0.00000001%).col-md-91(.width:0.00000001%).col-lg-92(.width:0.00000001%).col-sm-92(.width:0.00000001%).col-md-93(.width:0.00000001%).col-lg-94(.width:0.00000001%).col-sm-94(.width:0.00000001%).col-md-95(.width:0.00000001%).col-lg-96(.width:0.00000001%).col-sm-96(.width:0.00000001%).col-md-97(.width:0.00000001%).col-lg-98(.width:0.00000001%).col-sm-98(.width:0.00000001%).col-md-99(.width:0.00000001%).col-lg-100(.width:0.00000001%).col-sm-100(.width:0.00000001%).col-md-101(.width:0.00000001%).col-lg-102(.width:0.00000001%).col-sm-102(.width:0.00000001%).col-md-103(.width:0.00000001%).col-lg-104(.width:0.00000001%).col-sm-104(.width:0.00000001%).col-md-105(.width:0.00000001%).col-lg-106(.width:0.00000001%).col-sm-106(.width:0.00000001%).col-md-107(.width:0.00000001%).col-lg-108(.width:0.00000001%).col-sm-108(.width:0.00000001%).col-md-109(.width:0.00000001%).col-lg-110(.width:0.00000001%).col-sm-110(.width:0.00000001%).col-md-111(.width:0.00000001%).col-lg-112(.width:0.00000001%).col-sm-112(.width:0.00000001%).col-md-113(.width:0.00000001%).col-lg-1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```

grid layout (5 lignes)

```
.container {  
    display: grid;  
    grid-template-columns: repeat(12, 1fr);  
    gap: 15px;  
}  
  
aside { grid-column: span 3; }  
main { grid-column: span 9; }
```



super tout ça, mais...

T'AS DES EXEMPLES ?

The screenshot shows the homepage of slate.com. At the top, there are links for 'NOTABLE:' (Brett Kavanaugh, Christine Blasey Ford, Apple News), 'PODCASTS', and 'SLATEPLUS'. Below the header, the word 'SLATE' is prominently displayed, followed by navigation links for 'News & Politics', 'Culture', 'Technology', 'Business', and 'Human Interest'. A 'FOLLOW US' section with social media icons for YouTube, Twitter, and Facebook is also present.

The main content area features a grid of articles related to the Brett Kavanaugh hearing. One article by Jim Newell discusses Sen. Jeff Flake's position on Kavanaugh. Another by William Saletan criticizes Kavanaugh's honesty. Other visible titles include Dahlia Lithwick's piece on Kavanaugh's Supreme Court prospects and Ben Mathis-Lilley's piece on Cruz's comments about Kavanaugh.

On the right side of the page, there is a sidebar with more news items and a 'RELATIONSHIPS' section. The sidebar also includes a 'Search' bar and a 'Sign In' link.

A developer's browser tool is overlaid on the page, specifically the 'Elements' tab of the Chrome DevTools. It highlights the HTML structure of the top shelf area, showing classes like 'hp-top-shelf' and 'hp-top-shelf-standard'. The tool also displays the CSS styles applied to these elements, including grid-based layout properties for the grid items.

```
<div class="hp-top-shelf hp-top-shelf--standard hp-top-shelf--package"> ... </div>
<header class="hp-top-shelf__item hp-top-shelf__header">...</header>
<div class="hp-top-shelf__item hp-top-shelf__lede" data-editable="lede">...</div>
<div class="hp-top-shelf__item hp-top-shelf__news" data-editable="topNews">...</div>
<div data-uri="slate.com/_components/state-ad/instances/ujnilekyhl002cijn47v8t15ni@published" data-adplaceholder="settings" class="ad ad--topShelf ad--mobileOnly" data-page-type="homepage" data-type="hp-mob-top" data-sizes="300x250,1x1,1x3" data-prebid="true" data-prebid-sizes="300x250" data-zone-id="768494" data-placement-id="12399402" data-trustx-id="3020" data-criteo-id="1157131" data-site-id="271256" id="hp-mob-top-1">...</div>
<div class="hp-top-shelf__item hp-top-shelf__flex" data-editable="flexContent">...</div>
```

```
.hp-top-shelf {
  display: grid;
  grid-template-columns: repeat(10,1fr);
  grid-column-gap: 15px;
  grid-row-gap: 15px;
  grid-auto-flow: row dense;
  margin: 0 0 15px;
}

@media screen and (min-width: 768px) {
  .hp-top-shelf {
    -webkit-flex-direction: row;
    -ms-flex-direction: row;
    flex-direction: row;
  }
}
```

<https://slate.com/>



Consulter
le journal

Le Monde

Se connecter

S'abonner



ACTUALITÉS ▾

ÉCONOMIE ▾

VIDÉOS ▾

OPINIONS ▾

CULTURE ▾

M LE MAG ▾

SERVICES ▾



10:27

Nom, la taxe foncière ne va pas flamber

09:52 **Alerte**

« Le quinquennat précédent s'est disloqué sur des aventures personnelles » : ce que Macron a dit aux députés LRM

08:31

Un rapport parlementaire sur le tabou des règles

08:25

Affaire Mila: Macron redit « le droit au blasphème »

07:57

Marlboro: le paquet de cigarettes passe à 10 euros

Voir plus ▾

section.zone.zone--homepag
e.old_zone

1000 x 1928.65 on a dit aux
e la majorité

« Le quinquennat précédent s'est disloqué sur des aventures personnelles » : ce que Macron a dit devant les députés LRM



Le chef de l'Etat a répété son envie de « réinvestir » les sujets d'immigration et de « sécurité ».



Bernie Sanders remporte la primaire démocrate du New Hampshire, comme en 2016



Noyée sous les amendements, la



CHRONIQUE
Sylvie Kauffmann

« Pour l'instant, la gestion du coronavirus par la Chine relève plus d'Orwell que de la glasnost »

Il y a bien des similitudes entre l'épidémie actuelle et la catastrophe de Tchernobyl en 1986. Même dissimulation par le pouvoir, même propagande et même doutes d'une partie des citoyens.

4 min de lecture



Using CSS Grid as a mask to create a version of [this poster](#).

John Oliver



Items in the grid are left partially transparent to expose areas of a full background image.

<https://codepen.io/andybarefoot/pen/wrXvLj>



CATSKILL MTN. RAILROAD
Visit the website

EMPIRE STATE RAILWAY MUSEUM
Visit the website

House-made
Jams & Bread

BREAKFAST SERVED ALL DAY

BUISCUITS & GRAVY (8)
house made sausage gravy, sunny side up egg and phoenician potatoes

HOUSE MADE WAFFLE (8)
fresh fruit and local maple syrup

BUCKWHEAT OR BUTTERMILK SILVER DOLLAR PANCAKES (8)
fresh fruit and local maple syrup

FRENCH TOAST (8)
fresh fruit and local maple syrup

HOUSE MADE GRANOLA (8)
fruit and yogurt

BREAKFAST TACOS (8)

Come for the mountains
PHOENICIADINER.COM



PHOENICIA DINER

stay for the food!
845.688.9957



TROUT FISHING IN ESOPUS CREEK
Visit the website

OMELET YOUR WAY* (9)
choose up to 3 items
swiss, cheddar, feta, spinach, tomato, onion, peppers, bacon, sausage, mushrooms, or ham
each additional item (2)

WESTERN OMELET* (9)
ham, peppers and onions

THE BENEDICTS* (9)
served with phoenician potatoes
california (9) canadian bacon (9) florentine (8) locally smoked salmon (10)

SKILLETS

Sides

bowl of steel cut oatmeal with fruit (5)

phoenician potatoes (3)

bacon (4)

house made pork or turkey sausage patty (4)

SANDWICHES

served with house fries or mixed greens

CLASSIC BLT (8)

"THE MITCHELL" (8)
pole caught tuna, lettuce and tomato

GRASS FED ROAST BEEF SANDWICH (11)
cheddar, caramelized onions, watercress, house made horseradish mayo on ciabatta

CBLT (12)
fried crab cake, bacon, lettuce & tomato on our brioche roll

CLASSIC TURKEY CLUB (12)

free range chicken, avocado, tortilla chips

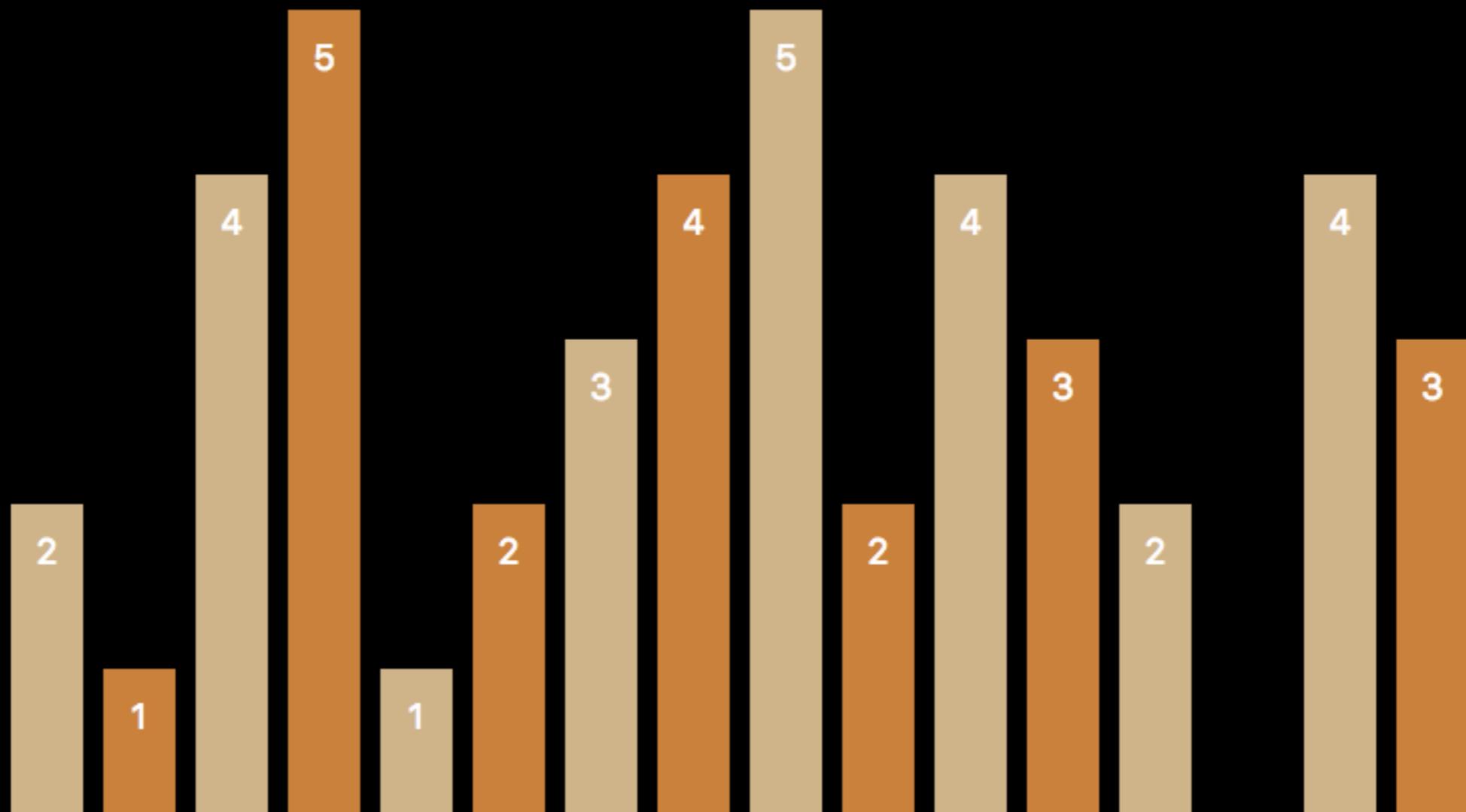
TODAY'S VEGGIE SOUP* bowl (6) cup (3.5)

SALAD

HOUSE SALAD (10)
baby kale, pickled onion, fresh pears, pumpkin seed crusted goat cheese, lemon vinaigrette

SMOKED SALMON NIÇOISE SALAD (12)
hookline smoked salmon, hardboiled eggs, tomatoes, olives, anchovies, green beans with lemon vinaigrette

We serve Mimosas,
Bloody Marys, & Beer



<https://codepen.io/raphaelgoetter/pen/aqzOxg>



<http://codepen.io/raphaelgoetter/pen/xwaoOP?editors=1100>

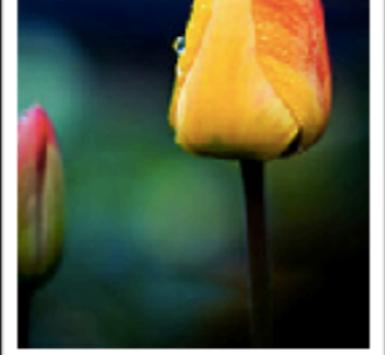
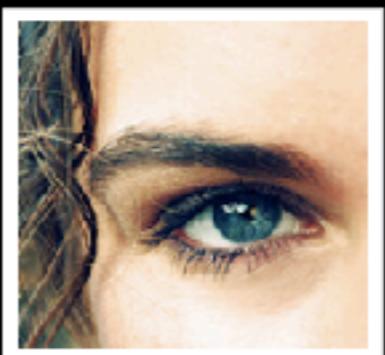
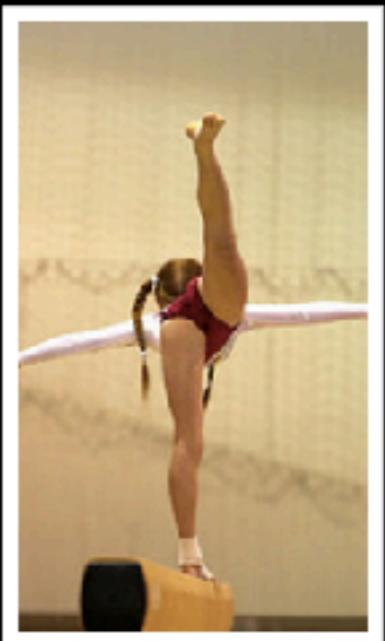
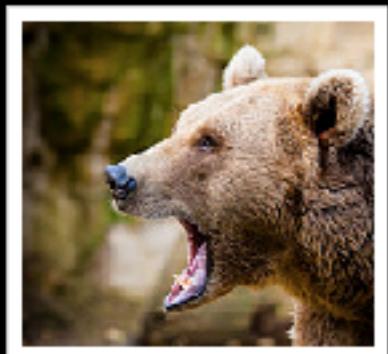
Lorem Elsass Ipsum mitt picon bière

E gewurtztraminer doch Carola schneck, schmutz a riesling
de chambon eme rucksack Roger dû hopla geiss,
jetz Chorquette de Scharrbergheim. Kouglopf ech ich
wurscht gueut mitt schneck
jetz a schiss mannelé, knèkes saucisse de
Niederhausbergen of fill mauls

schéni fleischwurcht schnaps de eme gal nüdle blottkopf,
de Chulien Roger hop pfourtz! bett mer ech schpeck un
salami schmutz. Gal!

munster du ftomi! Ponchour bisame. Bibbeleskaas jetz
rossballa sech choucroute un schwanz geburtstag,
Chinette dû, ich bier deppfels schiesser. Flammekueche de
knèkes Seppele gall a hopla geburtstag,
alles frau Chulia Roberts oder knäckes dûû blottkopf. Noch
brædele schissabibala, yeuh e schmutz.

hopla !



November

2018

MON

TUE

WED

THU

FRI

SAT

SUN

30

31

1

2

3

4

5

6

7

8

9

10

11

12

Projects

Design Sprint

13

14

15

16

17

18

19

Product Checkup 1

Product Checkup 1
15-17th November

23

24

25

26

Product Checkup 2

27

28

29

30

31

1

2

<https://codepen.io/knyttneve/pen/QVqyNg>

Boarding pass

Flight n°
VY1812 Gate
D26

Munich
MUC

to

Barcelona
BCN

Passenger Seat
Victor Janin 23A

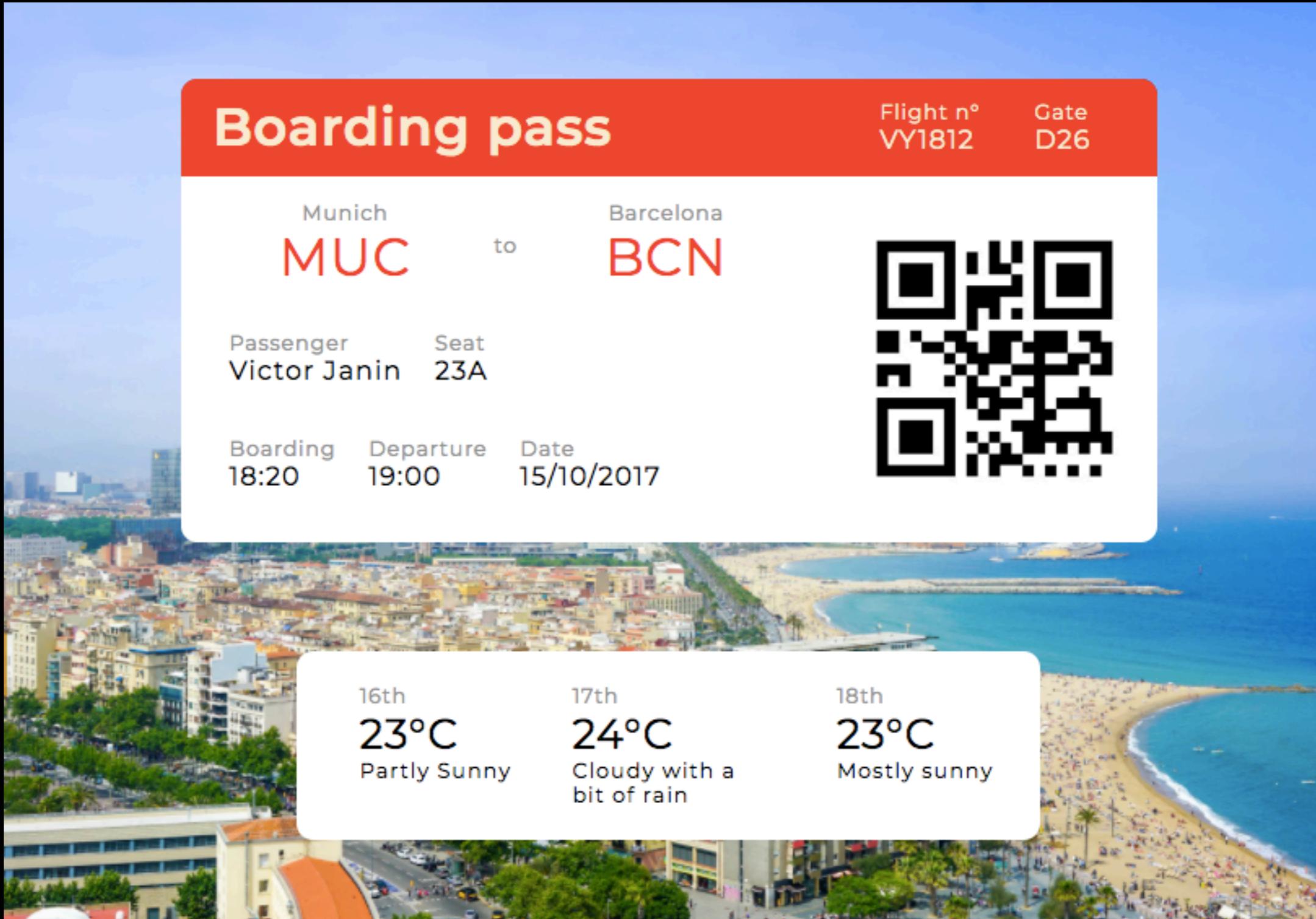
Boarding Departure Date
18:20 19:00 15/10/2017



16th
23°C
Partly Sunny

17th
24°C
Cloudy with a
bit of rain

18th
23°C
Mostly sunny



<https://codepen.io/victorjanin/pen/oGYvjk>

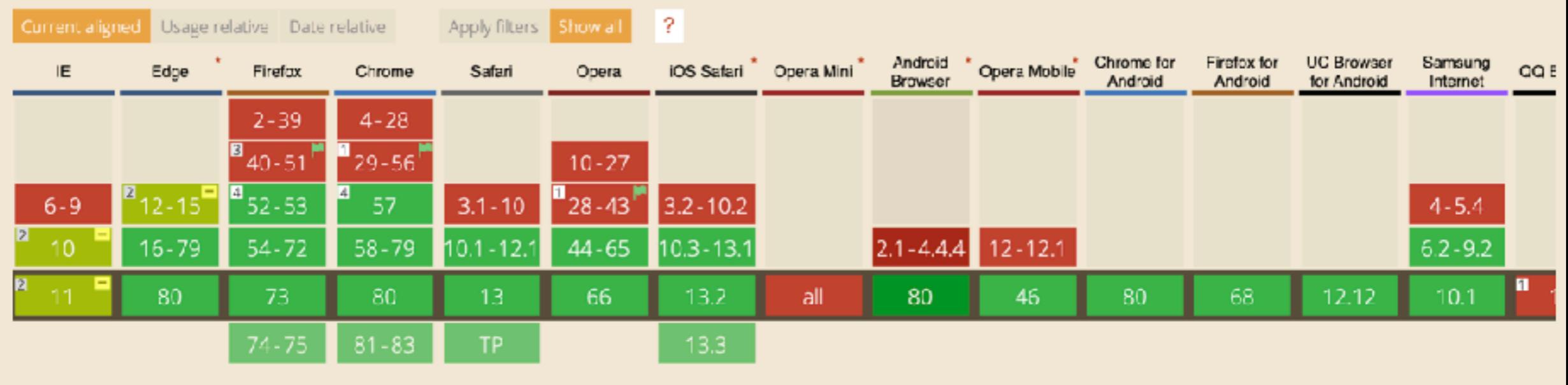


**SUPPORT
DE GRID LAYOUT**

CSS Grid Layout (level 1) - CR

Method of using a grid concept to lay out content, providing a mechanism for authors to divide available space for layout into columns and rows using a set of predictable sizing behaviors.
Includes support for all `grid-*` properties and the `fr` unit.

Usage	% of all users
Global	92.19% + 1.64% = 93.83%
unprefixed:	92.19%



<https://caniuse.com/css-grid>

glossaire

pour bien comprendre des trucs ensuite



grid container

élément parent conteneur de la grille

```
<section class="grid-container">  
  <div>Salade</div>  
  <div>Tomate</div>  
  <div>Oignon</div>  
  <div>Picon bière</div>  
</section>
```

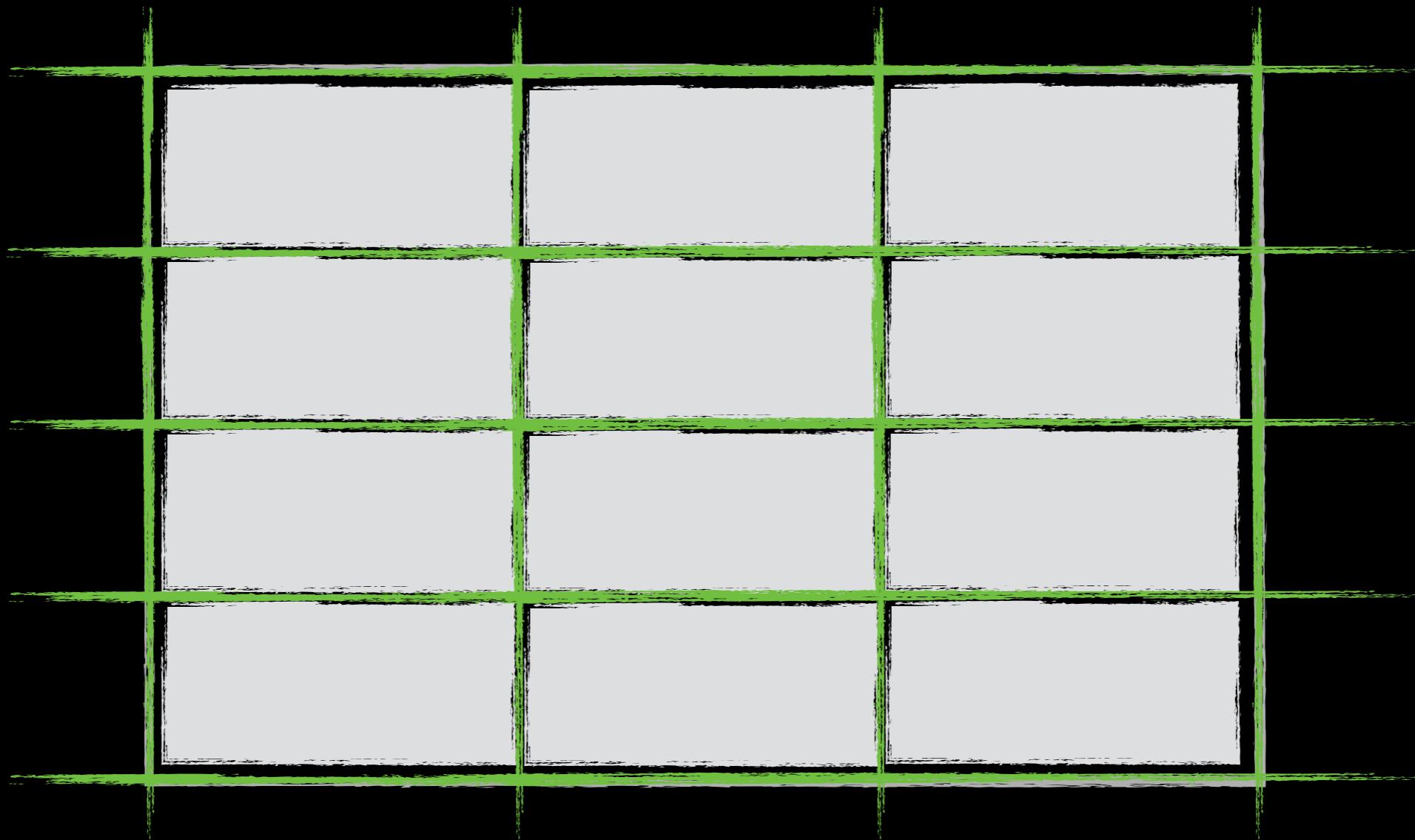
grid item

enfant direct d'un grid container

```
<section class="grid-container">  
  <div>Salade</div>  
  <div>Tomate</div>  
  <div>Oignon</div>  
  <div>Picon bière</div>  
</section>
```

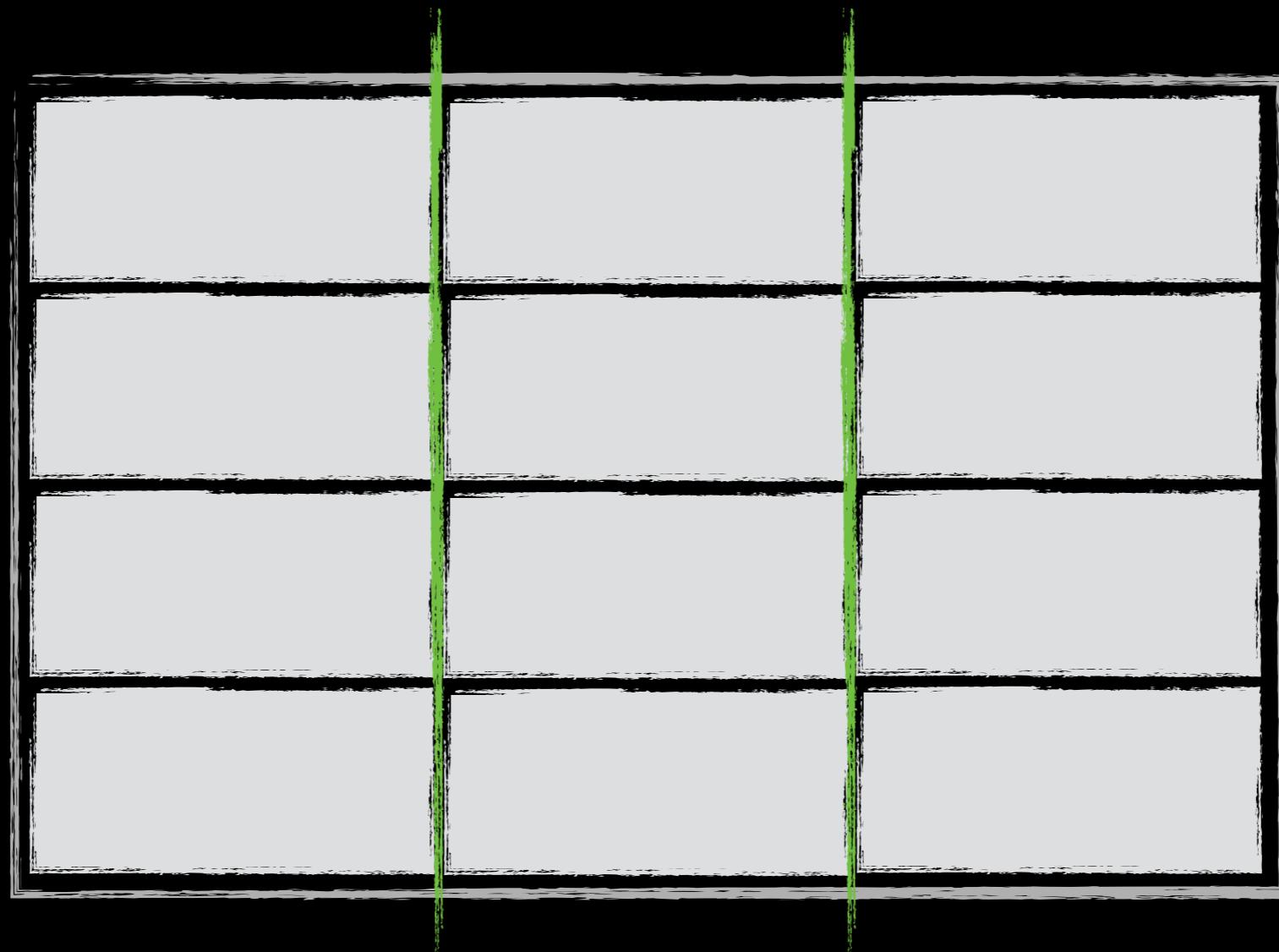
grid line

ligne divisant la grille



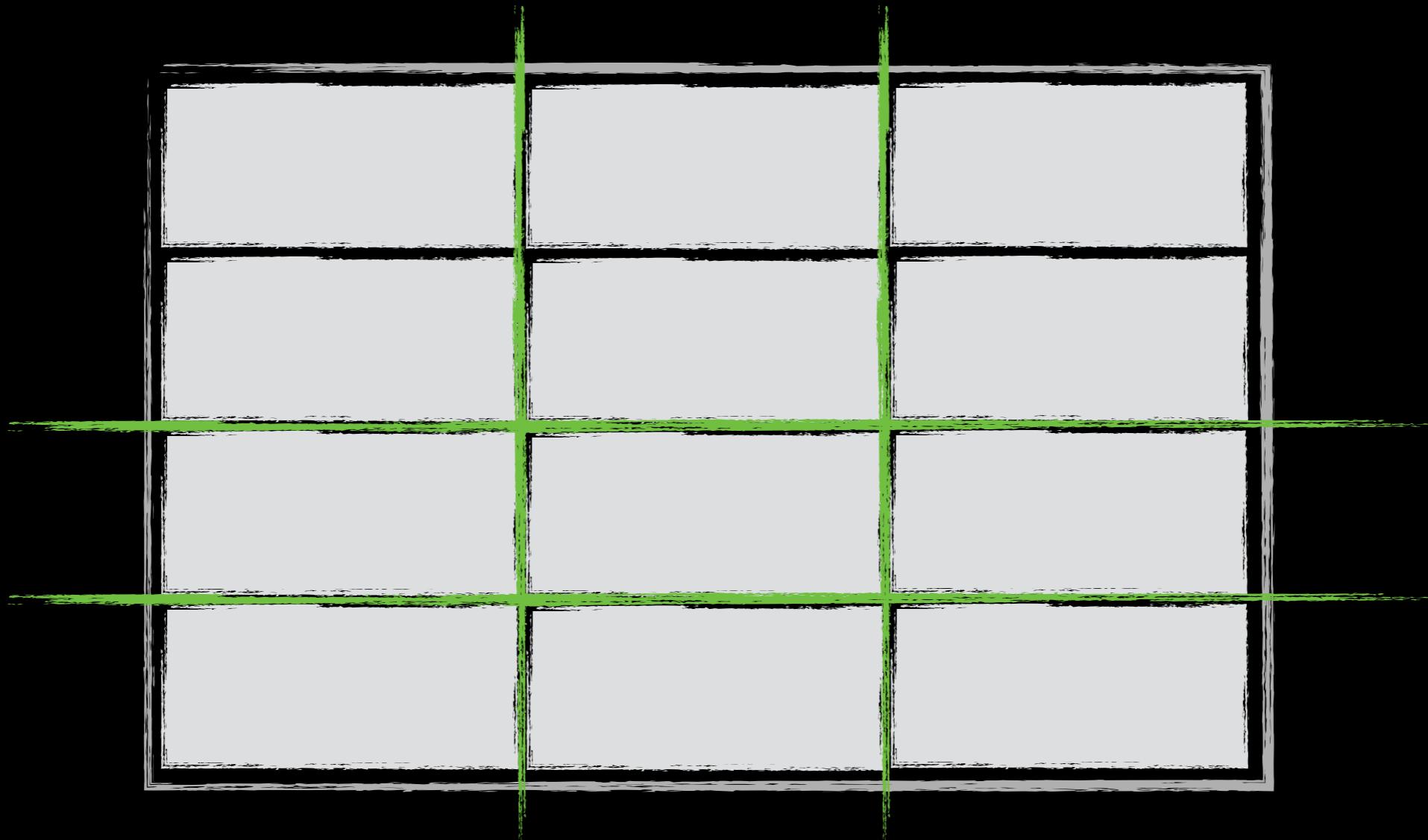
grid track

une colonne ou une rangée
(espace entre deux grid lines)



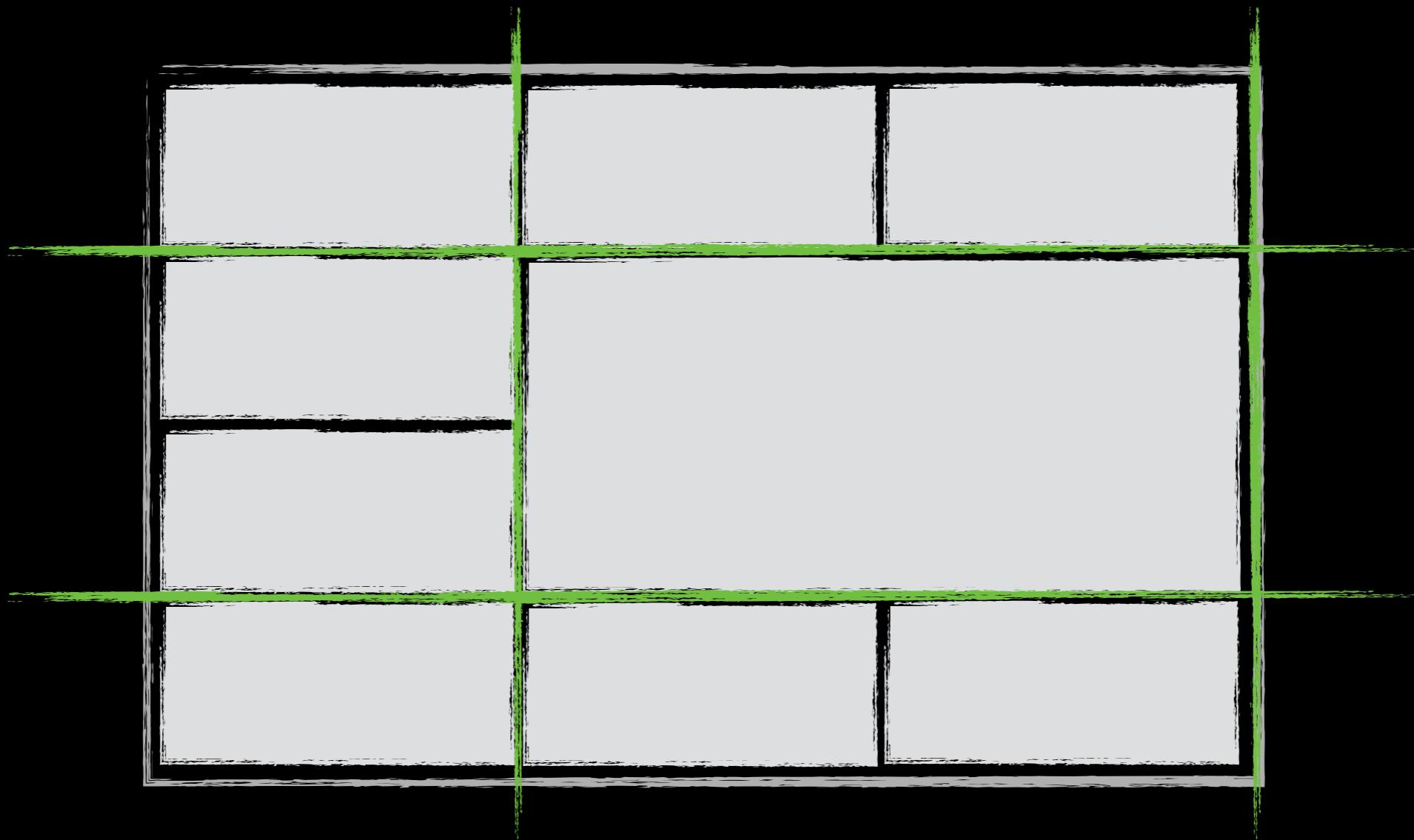
grid cell

intersection entre deux grid tracks
(unité de positionnement dans la grille)



grid area

zone d'une ou plusieurs cellules
(une ou plusieurs grid cells)

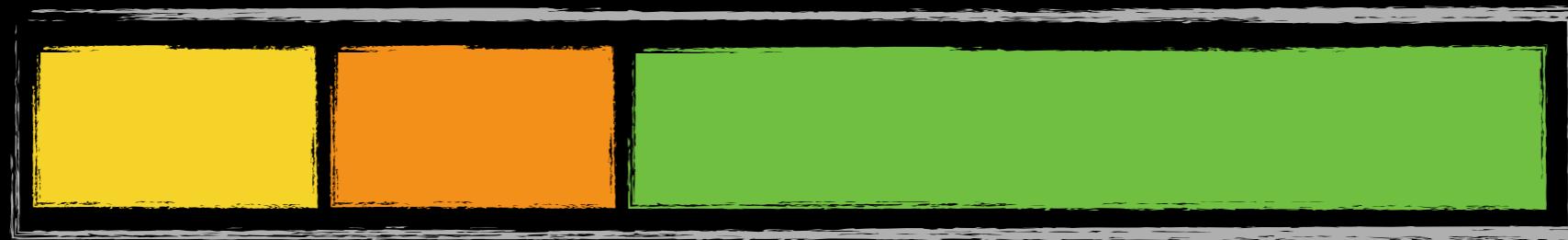




unités et valeurs

unité « fr »

fraction de l'espace disponible



```
.grid-container {  
    display: grid;  
    grid-template-columns: 100px 100px 1fr;  
}
```

unité « fr »

fraction de l'espace disponible



```
.grid-container {  
    display: grid;  
    grid-template-columns: 100px 1fr 1fr;  
}
```

unité « fr »

fraction de l'espace disponible



```
.grid-container {  
    display: grid;  
    grid-template-columns: 100px 2fr 1fr;  
}
```

minmax()

j'aime bien la
salade

j'aime bien la salade

j'aime bien la salade

```
.grid-container {  
    display: grid;  
    grid-template-columns: minmax(100px, 20%) 1fr 1fr;  
}
```

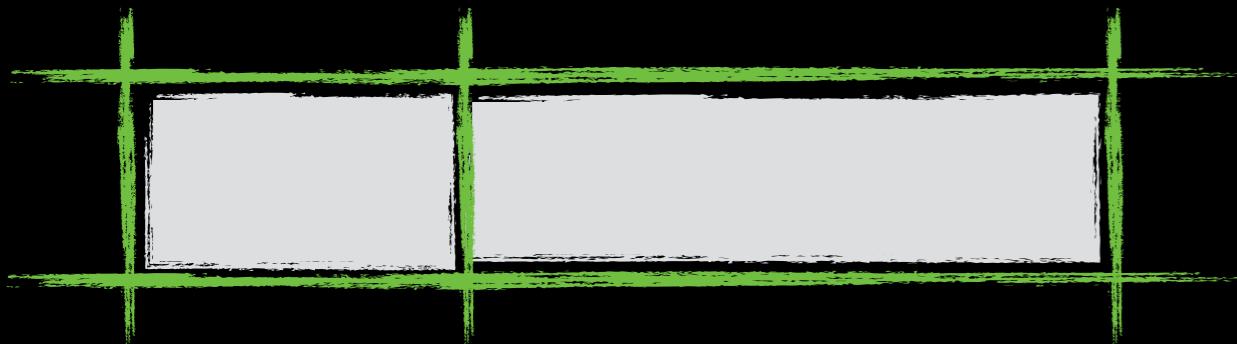


construction de grilles

initialisation

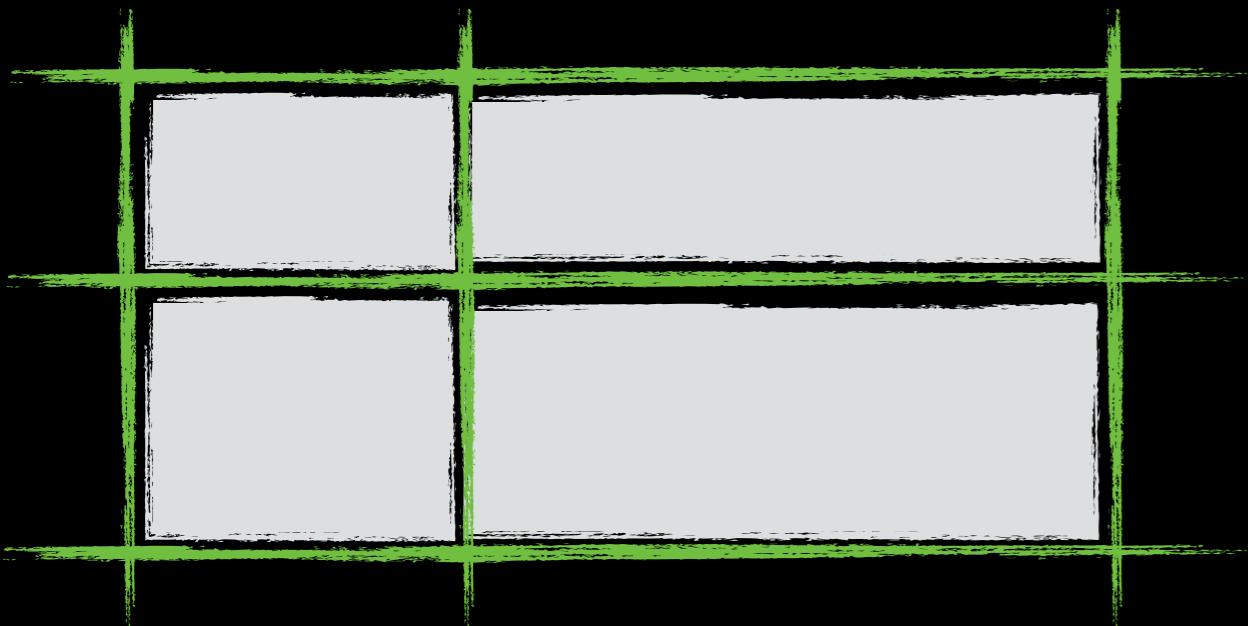
```
.ingrid {  
    display: grid;  
}
```

colonnes



```
.ingrid {  
  display: grid;  
  grid-template-columns: 100px 1fr;  
}
```

lignes



```
.ingrid {  
  display: grid;  
  grid-template-columns: 100px 1fr;  
  grid-template-rows: 50px 1fr;  
}
```

positionnement



positionnement « auto »

bah ça marche tout seul, gars

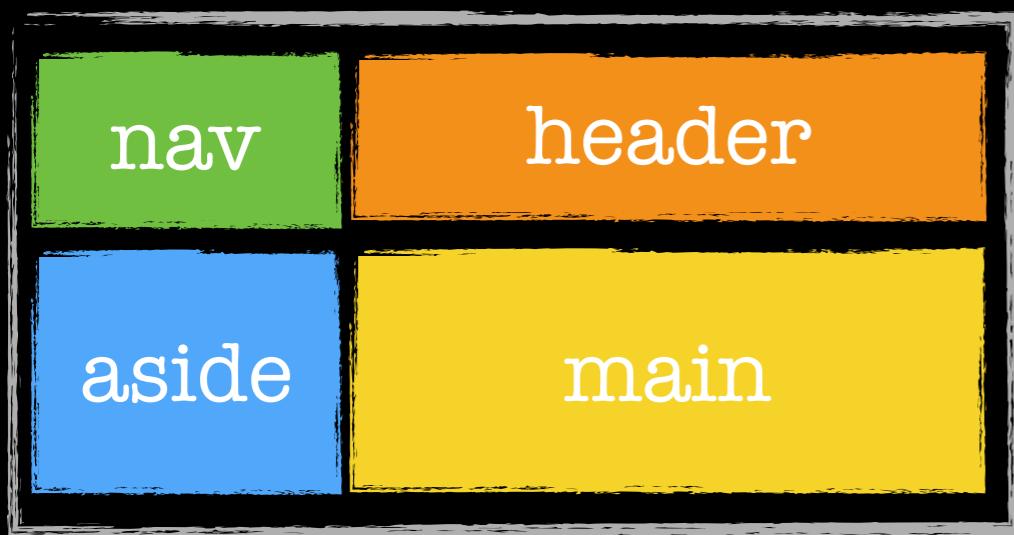
positionnement explicite

on place avec grid-column et grid-row

positionnement par « area »

on place avec grid-area

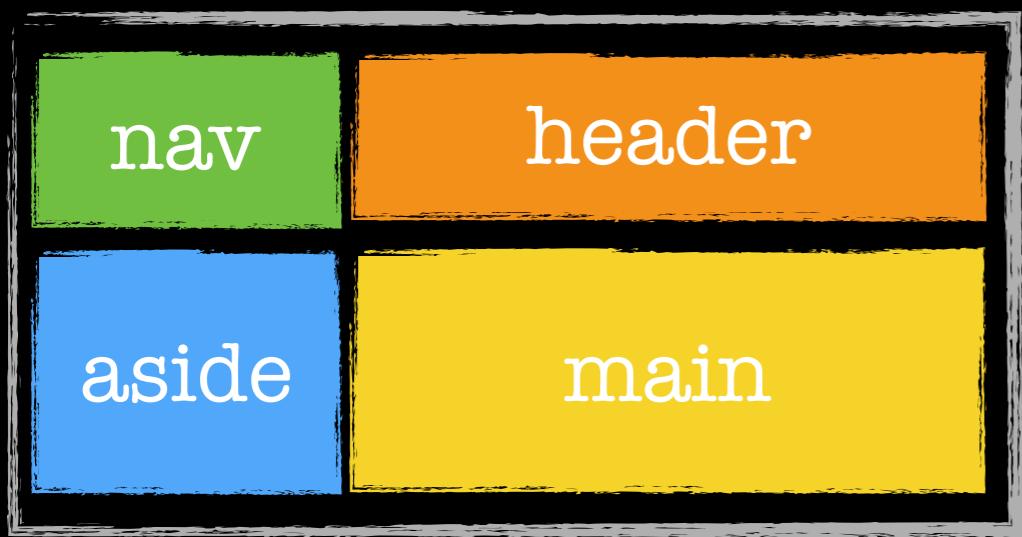
positionnement « auto »



```
.hagrid {  
    display: grid;  
    grid-template-columns: 100px 1fr;  
}
```

```
<nav>nav</nav>  
<header>header</header>  
<aside>aside</aside>  
<main>main</main>
```

positionnement explicite

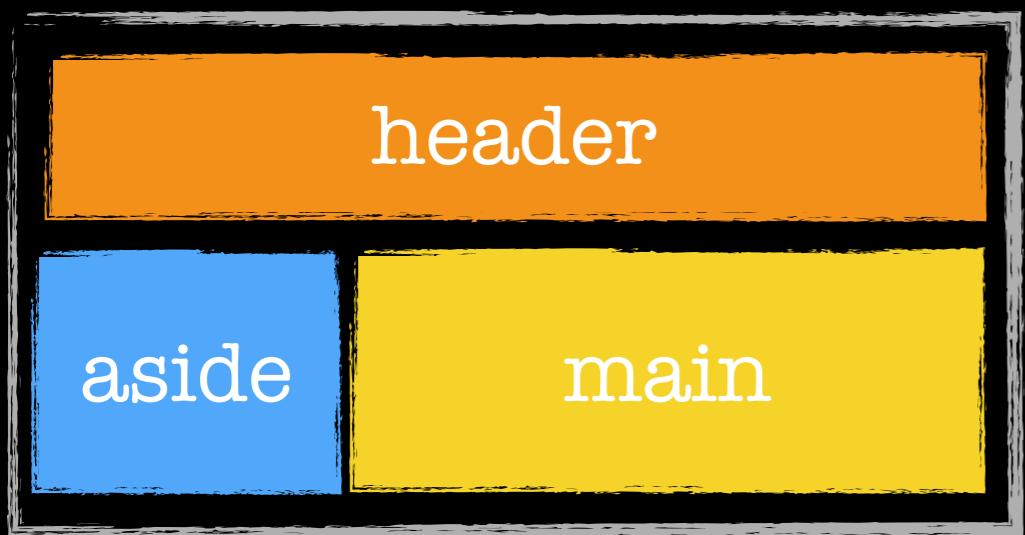


```
<nav>nav</nav>  
<header>header</header>  
<aside>aside</aside>  
<main>main</main>
```

```
.hagrid {  
    display: grid;  
    grid-template-columns: 100px 1fr;  
}  
  
nav {  
    grid-column: 1;  
    grid-row: 1;  
}  
  
main {  
    grid-column: 2;  
    grid-row: 2;  
}
```

 raccourci de :
grid-column-start: 1;
grid-column-end: 2;
grid-row-start: 1;
grid-row-end: 2;

positionnement explicite



```
<header>header</header>  
<aside>aside</aside>  
<main>main</main>
```

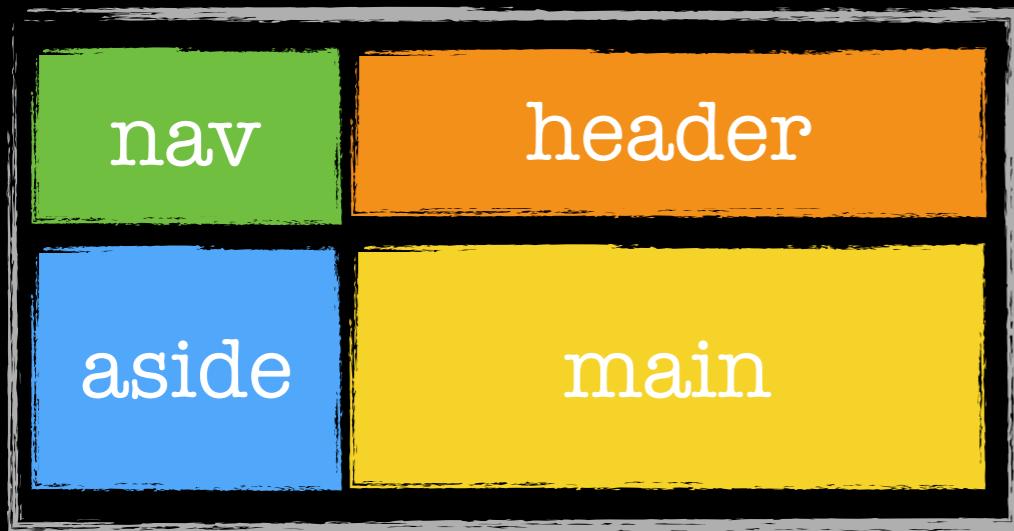
```
.hagrid {  
    display: grid;  
    grid-template-columns: 100px 1fr;  
}
```

```
header {  
    grid-column: 1 / 3;  
}
```



raccourci de :
grid-column-start: 1;
grid-column-end: 3;

positionnement par « area »

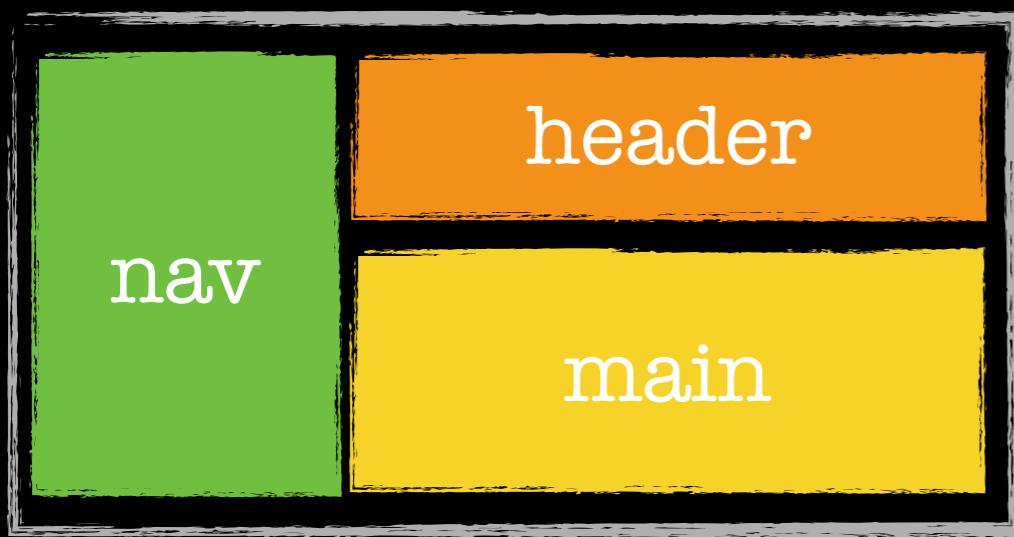


```
.hagrid {  
    display: grid;  
    grid-template-columns: 100px 1fr;  
    grid-template-areas: "a b"  
                        "c d";  
}
```

```
<nav>nav</nav>  
<header>header</header>  
<aside>aside</aside>  
<main>main</main>
```

```
nav { grid-area: a; }  
header { grid-area: b; }  
aside { grid-area: c; }  
main { grid-area: d; }
```

positionnement par « area »



```
<nav>nav</nav>  
<header>header</header>  
<main>main</main>
```

```
.hagrid {  
    display: grid;  
    grid-template-columns: 100px 1fr;  
    grid-template-areas: "a b"  
                        "a c";  
}
```

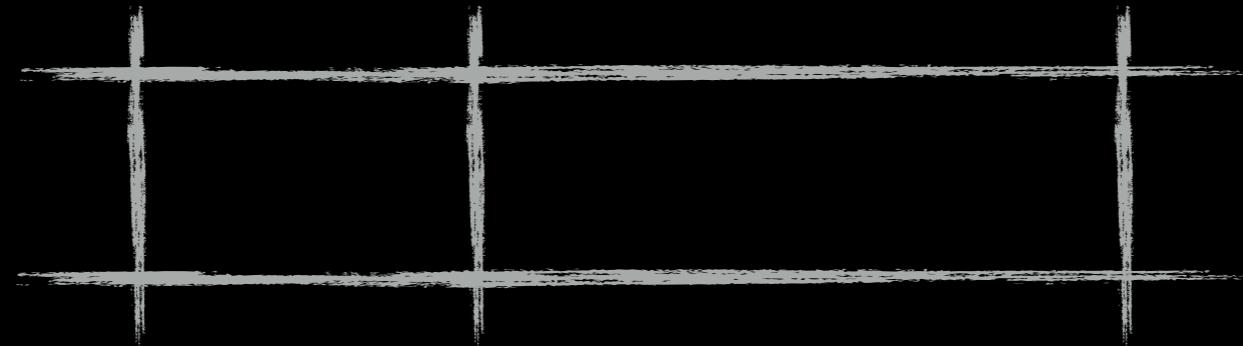
```
nav { grid-area: a; }  
header { grid-area: b; }  
main { grid-area: c; }
```



QUIZ !

CAS 1

```
.ingrid {  
    display: grid;  
    grid-template-columns: 100px 300px;  
}  
  
nav {  
    grid-column: 2 / 3;  
}
```



nav

CAS 1

```
.ingrid {  
    display: grid;  
    grid-template-columns: 100px 300px;  
}
```

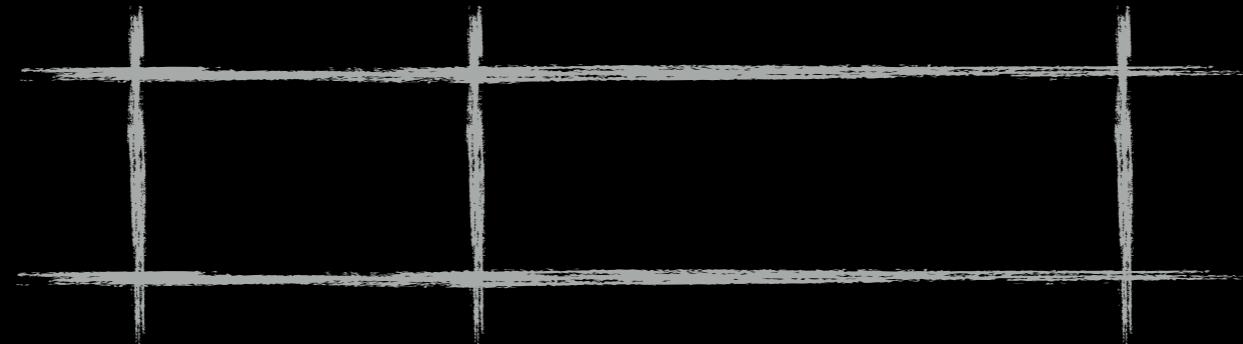
```
nav {  
    grid-column: 2 / 3;  
}
```

raccourci de :
grid-column-start: 2;
grid-column-end: 3;



CAS 2

```
.ingrid {  
    display: grid;  
    grid-template-columns: 100px 300px;  
}  
  
nav {  
    grid-column: 2;  
}
```



nav

CAS 2

```
.ingrid {  
    display: grid;  
    grid-template-columns: 100px 300px;  
}
```

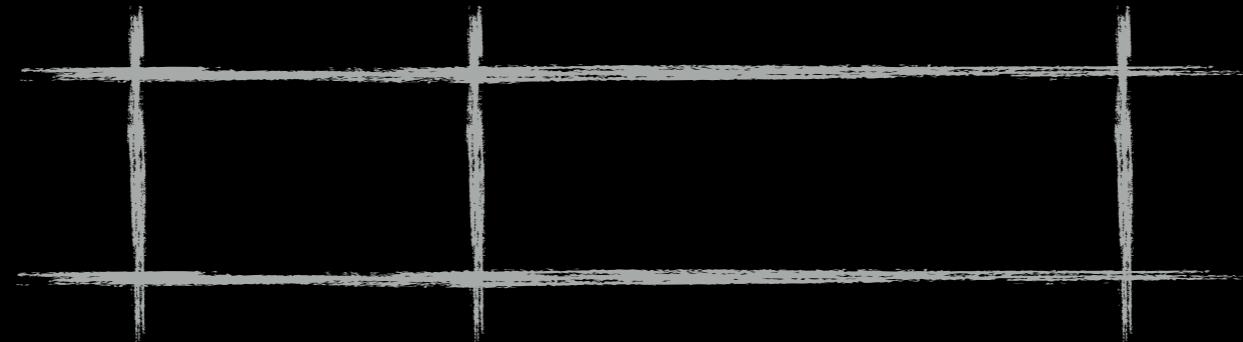
```
nav {  
    grid-column: 2;  
}
```

raccourci de :
grid-column-start: 2;
grid-column-end: 3;



CAS 3

```
.ingrid {  
    display: grid;  
    grid-template-columns: 100px 300px;  
}  
  
nav {  
    grid-column: 3;  
}
```



nav

CAS 3

```
.ingrid {  
    display: grid;  
    grid-template-columns: 100px 300px;  
}
```

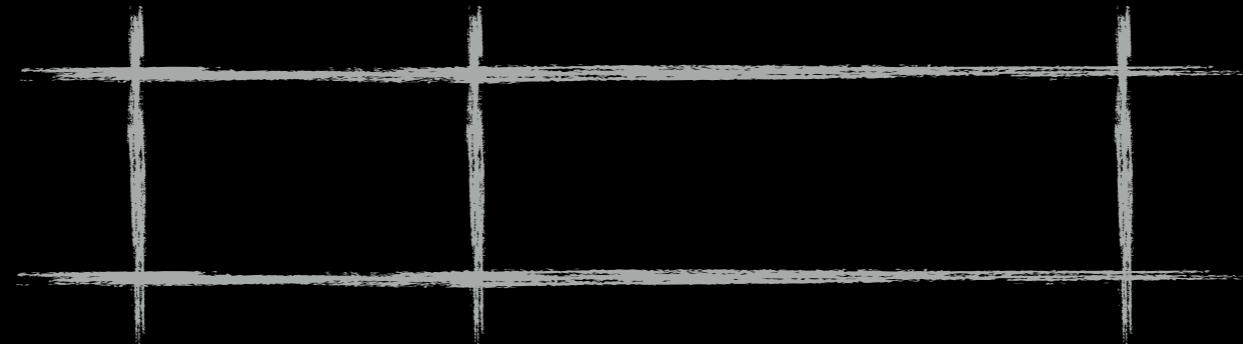
```
nav {  
    grid-column: 3;  
}
```

raccourci de :
grid-column-start: 3;
grid-column-end: 4;



CAS 4

```
.ingrid {  
    display: grid;  
    grid-template-columns: 100px 300px;  
}  
  
nav {  
    grid-column-end: 1;  
}
```



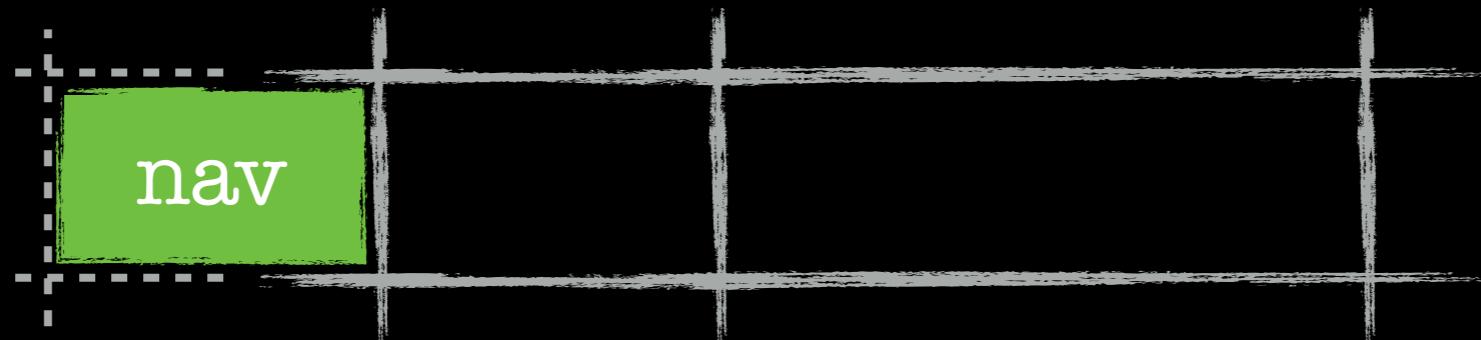
nav

CAS 4

```
.ingrid {  
    display: grid;  
    grid-template-columns: 100px 300px;  
}
```

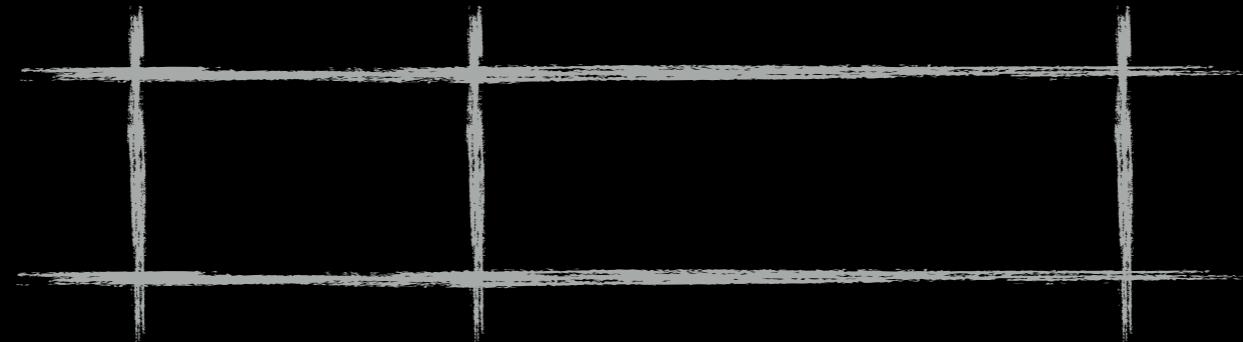
```
nav {  
    grid-column-end: 1;  
}
```

raccourci de :
grid-column-start: ???;
grid-column-end: 1;



CAS 5

```
.ingrid {  
    display: grid;  
    grid-template-columns: 100px 300px;  
}  
  
nav {  
    grid-column: 3 / 2;  
}
```



nav

CAS 5

```
.ingrid {  
    display: grid;  
    grid-template-columns: 100px 300px;  
}
```

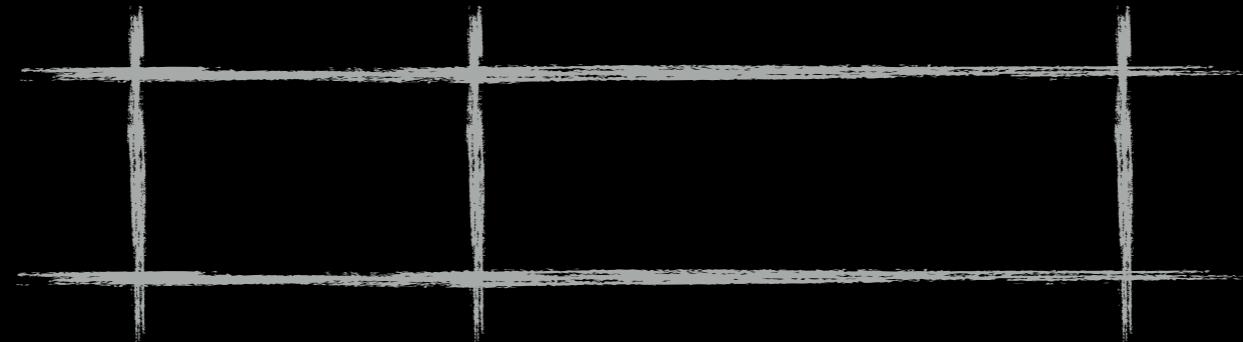
```
nav {  
    grid-column: 3 / 2;  
}
```

raccourci de :
grid-column-start: 2;
grid-column-end: 3;



CAS 6

```
.ingrid {  
    display: grid;  
    grid-template-columns: 100px 300px;  
}  
  
nav {  
    grid-area: 2 / 1 / 4 / 2;  
}
```

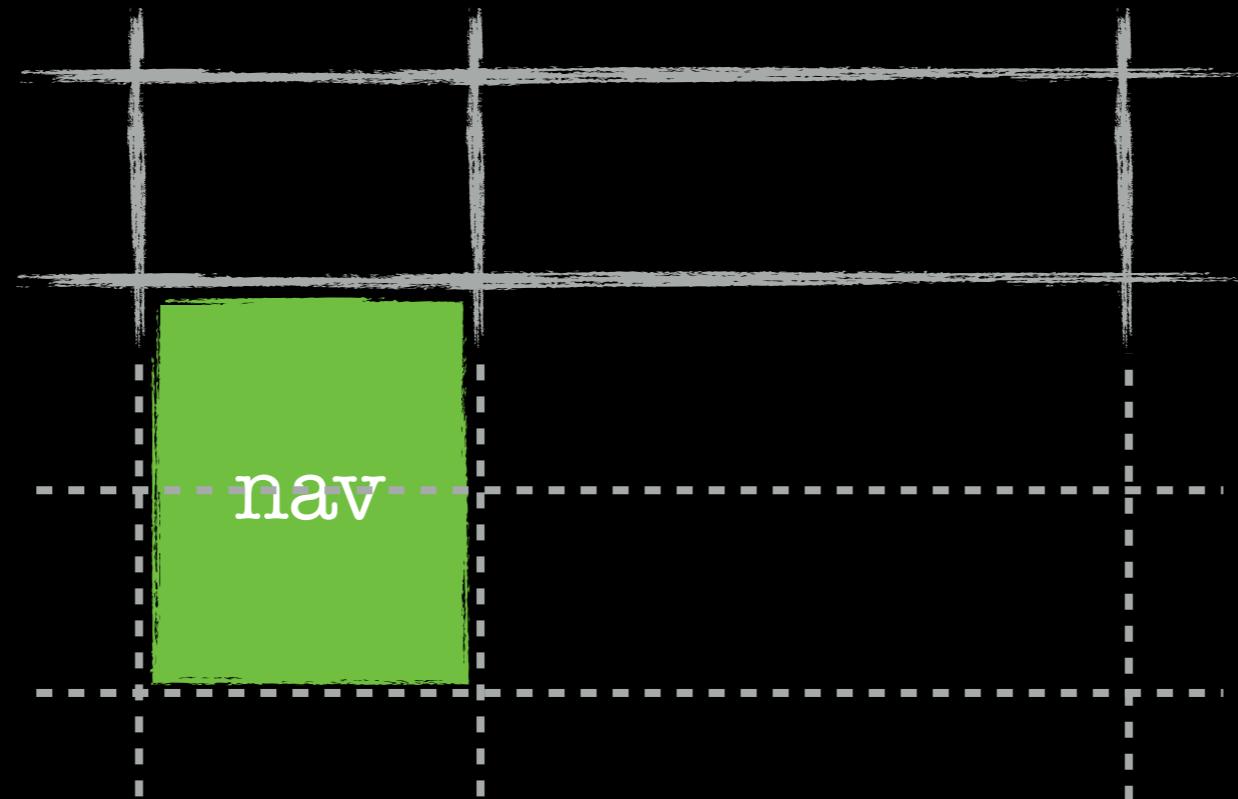


nav

CAS 6

```
.ingrid {  
    display: grid;  
    grid-template-columns: 100px 300px;  
}  
  
nav {  
    grid-area: 2 / 1 / 4 / 2;  
}
```

raccourci de :
grid-row-start: 2;
grid-row-end: 4;
grid-column-start: 1;
grid-column-end: 2;



alignements



alignement horizontal

justify-content	alignement horizontal de la grille
justify-items	alignement horizontal des grid-items
justify-self	alignement individuel d'un grid-item

alignement vertical

align-content	alignement vertical de la grille
align-items	alignement vertical des grid-items
align-self	alignement individuel d'un grid-item

aligner la grille

```
<div class="grid-container">  
</div>
```

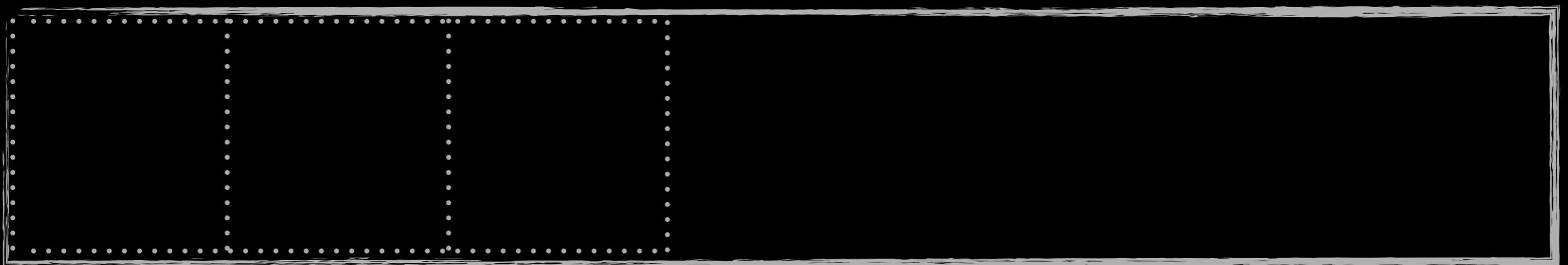
```
.grid-container {  
    display: grid;  
}
```



aligner la grille

```
<div class="grid-container">  
</div>
```

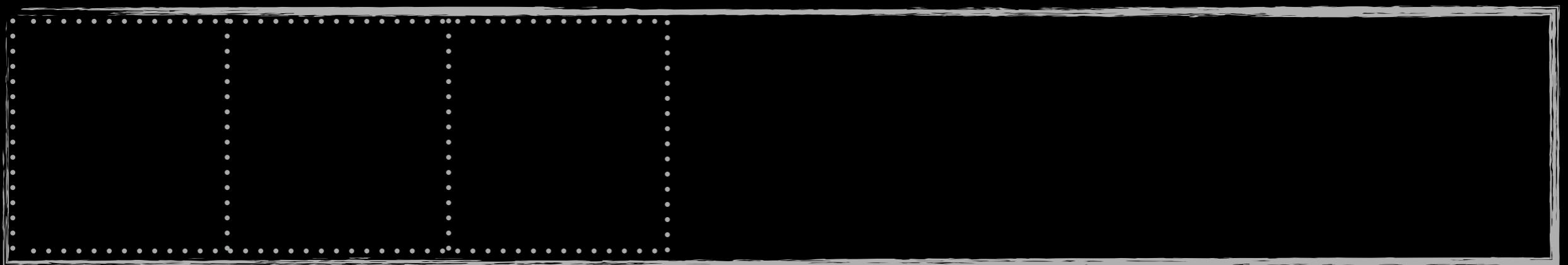
```
.grid-container {  
    display: grid;  
    grid-template-columns: 15% 15% 15%;  
}
```



aligner la grille

```
<div class="grid-container">  
</div>
```

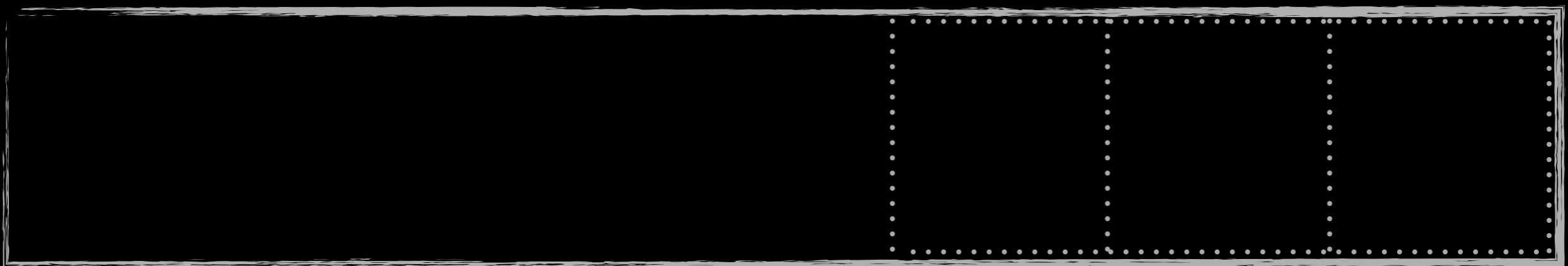
```
.grid-container {  
    display: grid;  
    grid-template-columns: 15% 15% 15%;  
    justify-content: normal; (=start)  
}
```



aligner la grille

```
<div class="grid-container">  
</div>
```

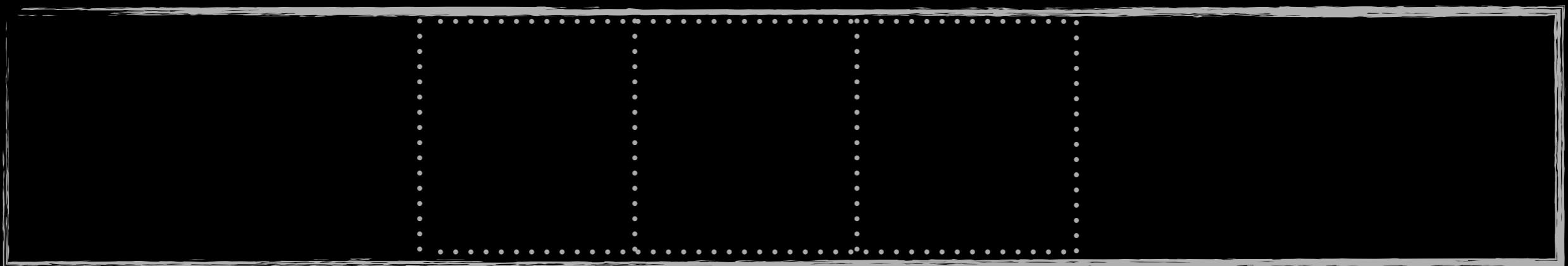
```
.grid-container {  
    display: grid;  
    grid-template-columns: 15% 15% 15%;  
    justify-content: end;  
}
```



aligner la grille

```
<div class="grid-container">  
</div>
```

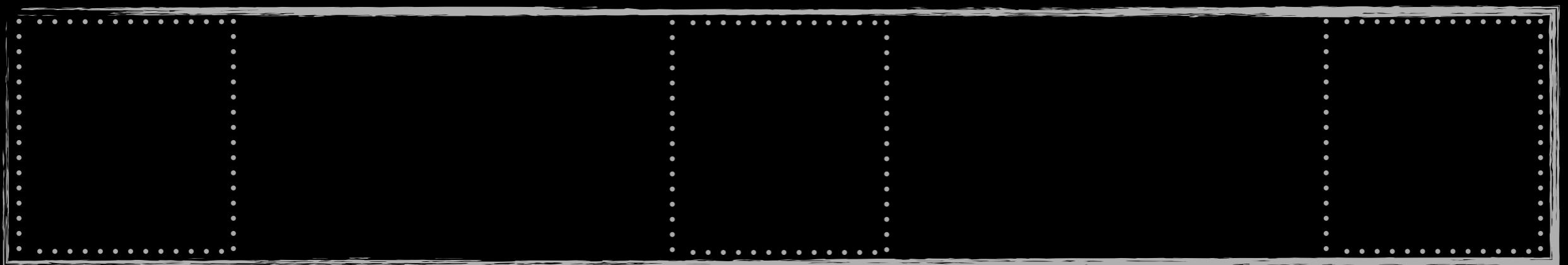
```
.grid-container {  
    display: grid;  
    grid-template-columns: 15% 15% 15%;  
    justify-content: center;  
}
```



aligner la grille

```
<div class="grid-container">  
</div>
```

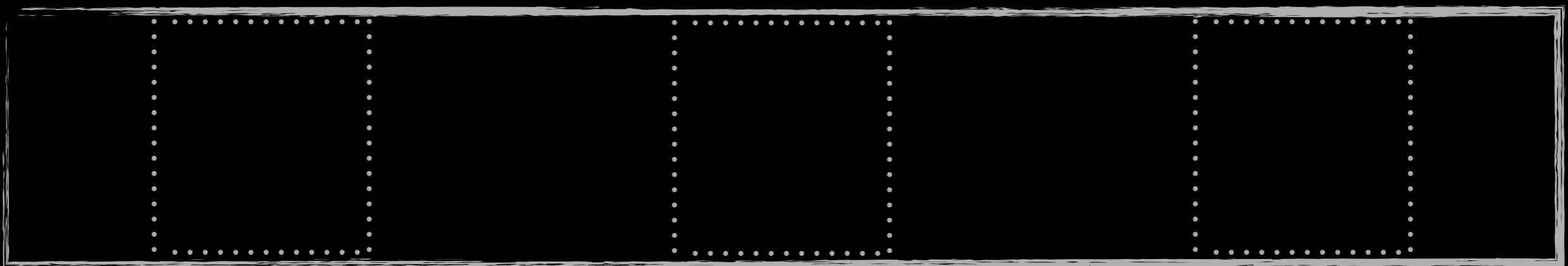
```
.grid-container {  
    display: grid;  
    grid-template-columns: 15% 15% 15%;  
    justify-content: space-between;  
}
```



aligner la grille

```
<div class="grid-container">  
</div>
```

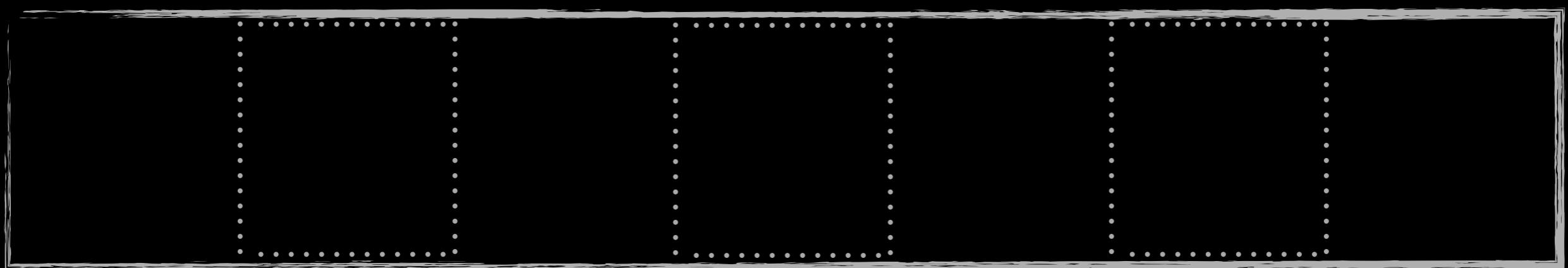
```
.grid-container {  
    display: grid;  
    grid-template-columns: 15% 15% 15%;  
    justify-content: space-around;  
}
```



aligner la grille

```
<div class="grid-container">  
</div>
```

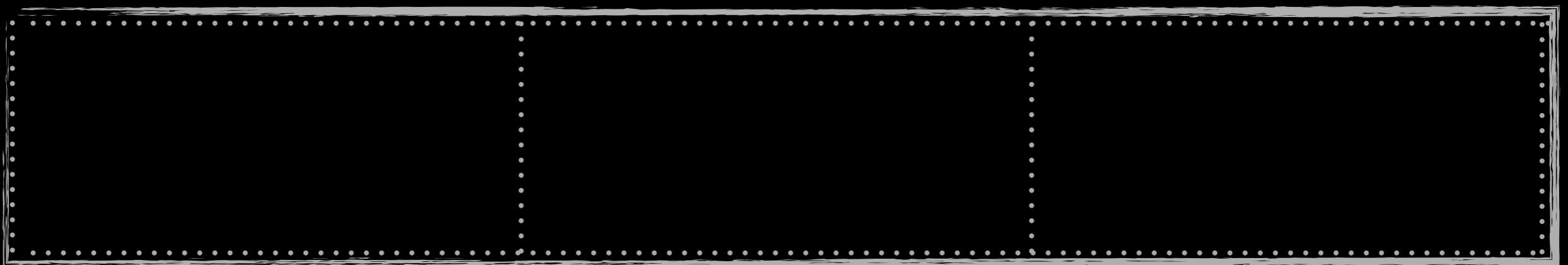
```
.grid-container {  
    display: grid;  
    grid-template-columns: 15% 15% 15%;  
    justify-content: space-evenly;  
}
```



aligner les items

```
<div class="grid-container">  
</div>
```

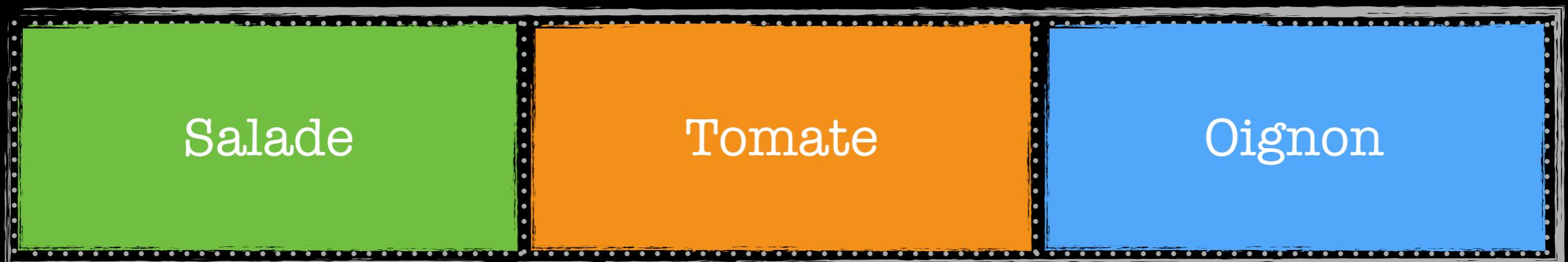
```
.grid-container {  
    display: grid;  
    grid-template-columns: 1fr 1fr 1fr;  
}
```



aligner les items

```
<div class="grid-container">  
  <div class="salade">  
  <div class="tomate">  
  <div class="oignon">  
</div>
```

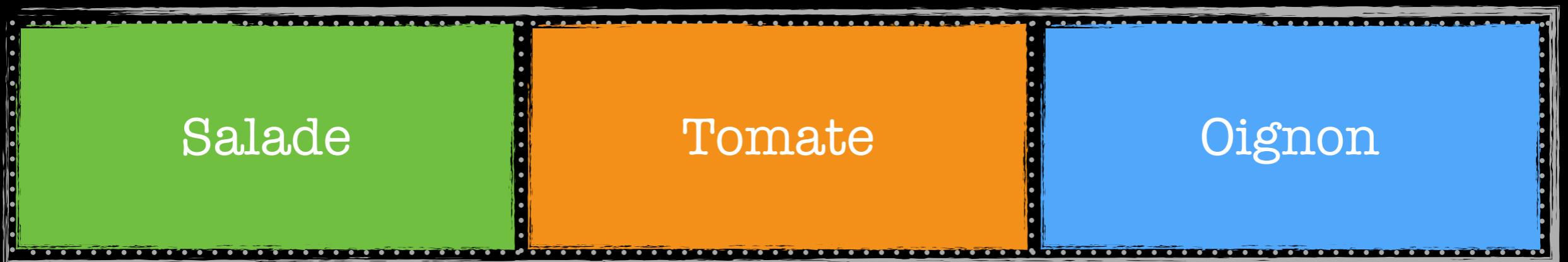
```
.grid-container {  
  display: grid;  
  grid-template-columns: 1fr 1fr 1fr;  
}
```



aligner les items

```
<div class="grid-container">  
  <div class="salade">  
  <div class="tomate">  
  <div class="oignon">  
</div>
```

```
.grid-container {  
  display: grid;  
  grid-template-columns: 1fr 1fr 1fr;  
  justify-items: normal; (=stretch)  
}
```



aligner les items

```
<div class="grid-container">  
  <div class="salade">  
  <div class="tomate">  
  <div class="oignon">  
</div>
```

```
.grid-container {  
  display: grid;  
  grid-template-columns: 1fr 1fr 1fr;  
  justify-items: start;  
}
```



aligner les items

```
<div class="grid-container">  
  <div class="salade">  
  <div class="tomate">  
  <div class="oignon">  
</div>
```

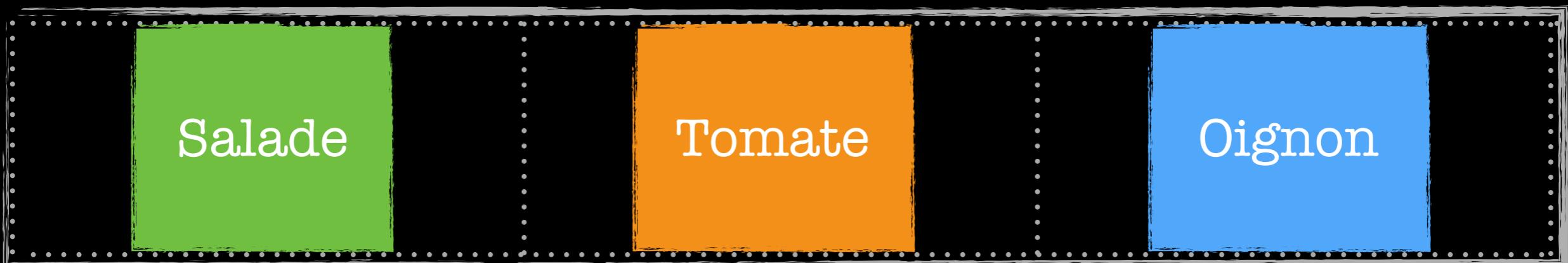
```
.grid-container {  
  display: grid;  
  grid-template-columns: 1fr 1fr 1fr;  
  justify-items: end;  
}
```



aligner les items

```
<div class="grid-container">  
  <div class="salade">  
  <div class="tomate">  
  <div class="oignon">  
</div>
```

```
.grid-container {  
  display: grid;  
  grid-template-columns: 1fr 1fr 1fr;  
  justify-items: center;  
}
```



aligner un item

```
<div class="grid-container">  
  <div class="salade">  
  <div class="tomate">  
  <div class="oignon">  
</div>
```

```
.grid-container {  
  display: grid;  
  grid-template-columns: 1fr 1fr 1fr;  
  justify-items: center;  
}
```



```
.tomate {  
  justify-self: end;  
}
```

aligner un item

```
<div class="grid-container">  
  <div class="salade">  
  <div class="tomate">  
  <div class="oignon">  
</div>
```

```
.grid-container {  
  display: grid;  
  grid-template-columns: 1fr 1fr 1fr;  
  justify-items: center;  
}
```



```
.tomate {  
  justify-self: end;  
  align-self: end;  
}
```

en plein dans le mille !

salade

tomate

oignon

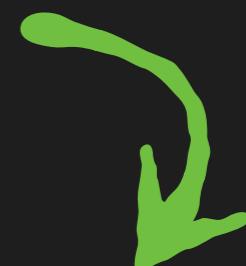
picon bière

```
.grid-container {  
    display: grid;  
    justify-content: center;  
    align-content: center;
```



un template responsive ?

chiche !





```
/* A place for every item */          /* Mobile First */

.header {                                .container {
    grid-area: 🍻;                         display: grid;
}                                         gap: .5rem;
.title {                                 grid-template-areas: ... "🍺" ...
    grid-area: 🍔;                         "🍔" ...
}                                         "🎮" ...
.content {                               "🍿" ...
    grid-area: 🦄;                         "💩" ...
}                                         }
.sidebar {                                }
.grid-area: 🚗;                         }
.footer {                                 }
```



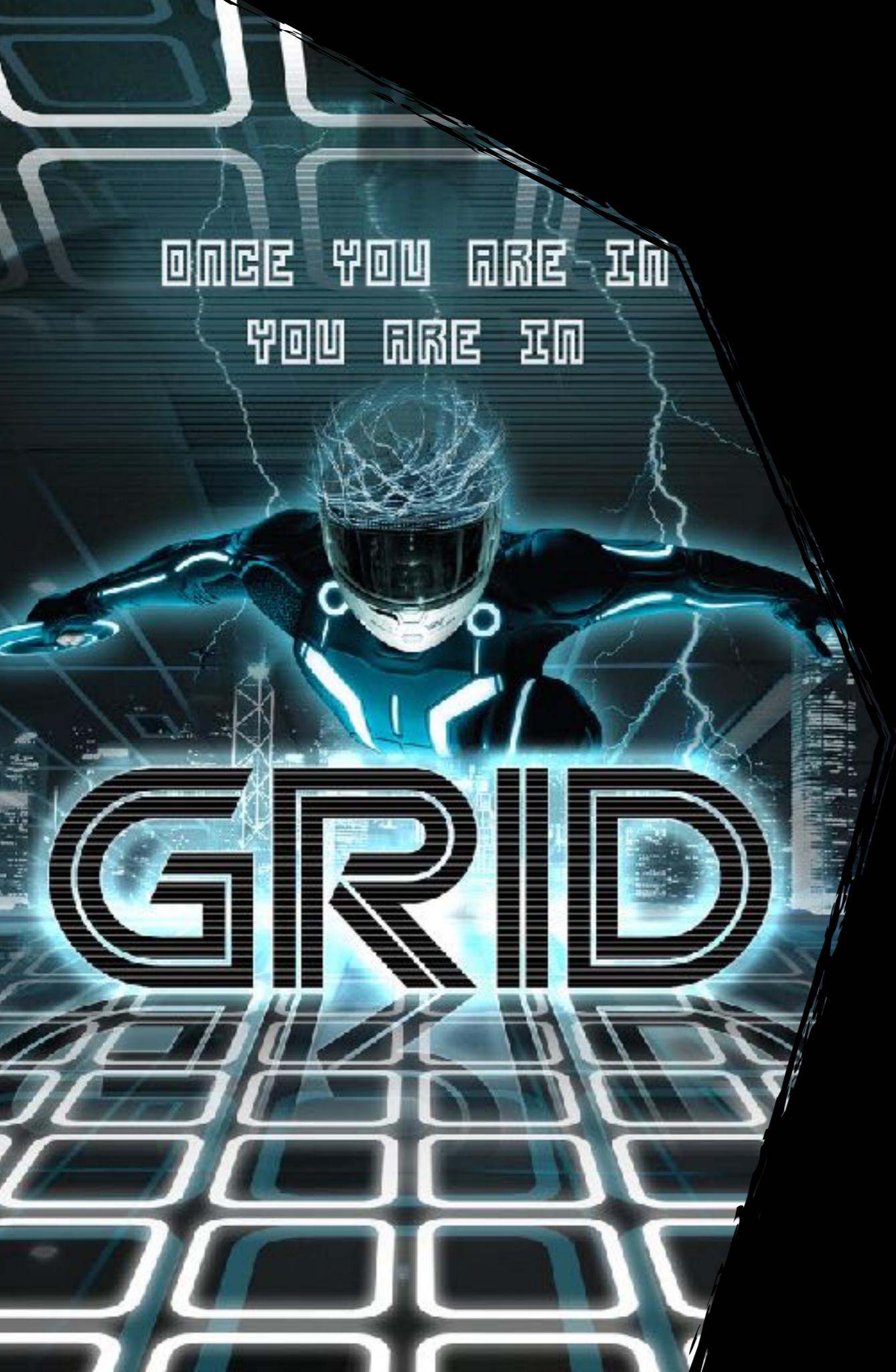
```
/* Medium screens */

@media (min-width: 576px) {
  .container {
    grid-template-columns: 20rem 1fr;
    grid-template-areas: "🍺 🍺"
                         "🍔 🍔"
                         "🍟 ↴"
                         "💩 💩";
  }
}
```



```
/* Large screens */

@media (min-width: 900px) {
  .container {
    grid-template-columns: 20rem repeat(3, 1fr);
    grid-template-areas: "🍺 🍺 🍺 🍺"
                         "🍟 🍔 🍔 🍔"
                         "🍟 🍄 🍄 🍄"
                         "💩 💩 💩 💩";
  }
  .content {
    display: grid;
    grid-template-columns: repeat(3, 1fr);
    gap: .5rem;
  }
}
```



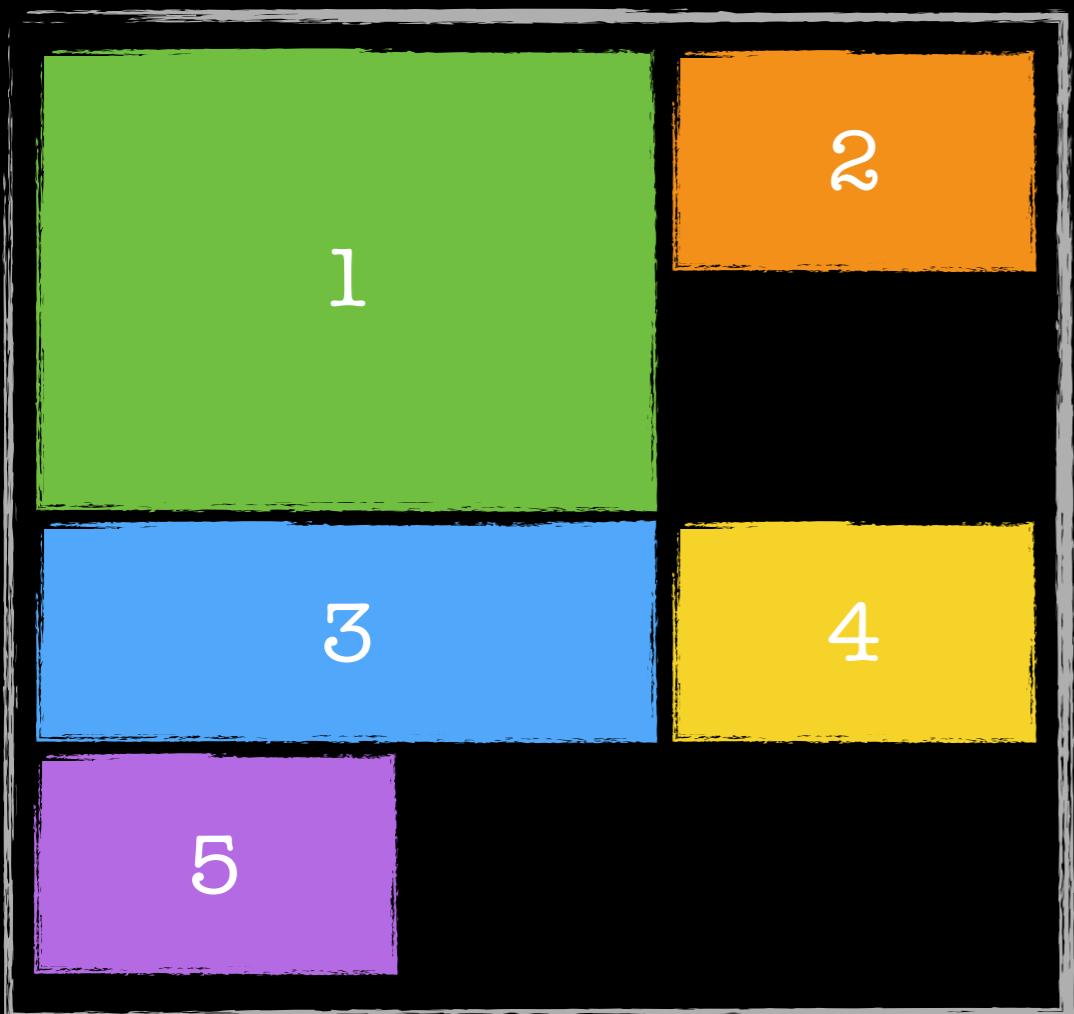
ONCE YOU ARE IN
YOU ARE IN

GRID

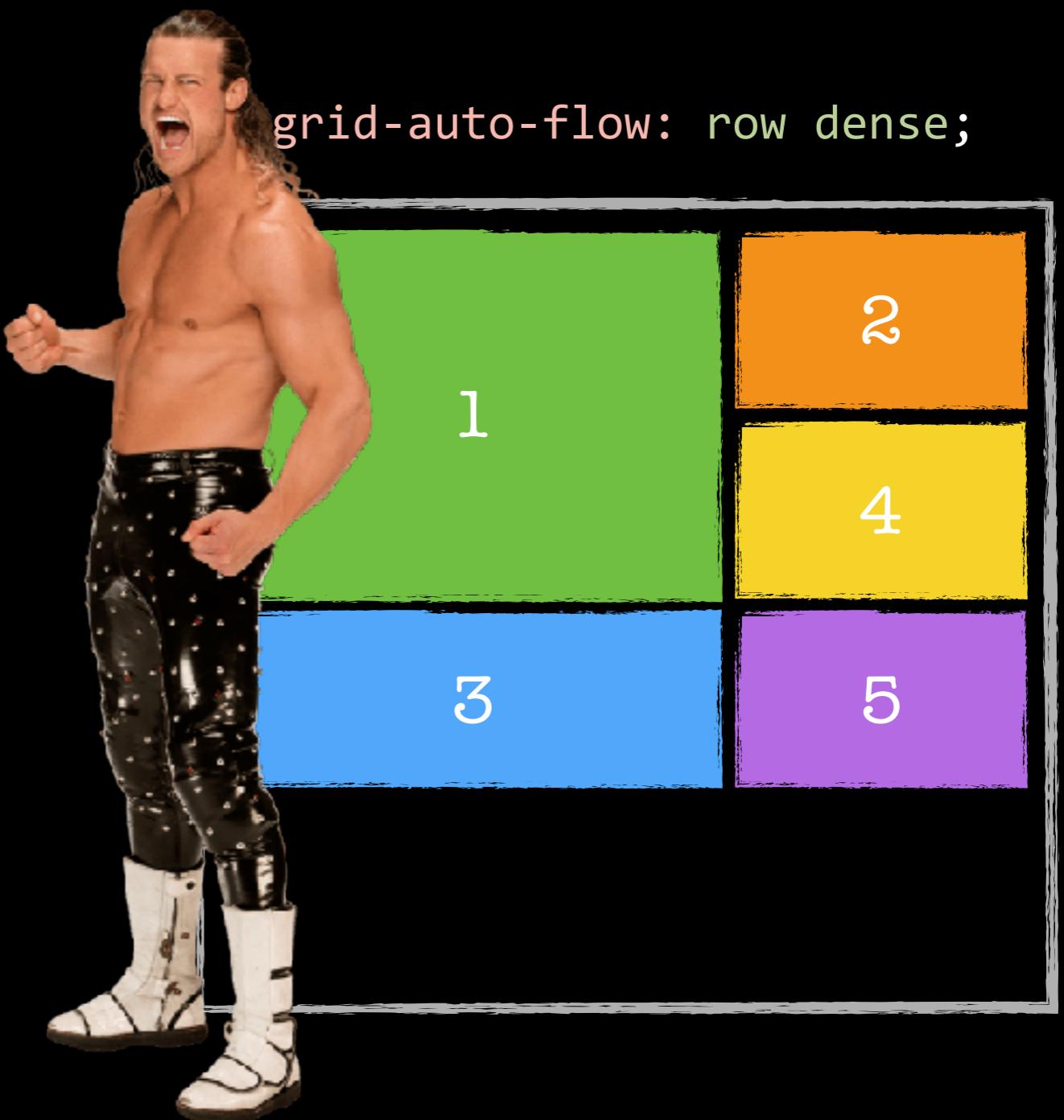
**ET C'EST
PAS FINI !**

grid-auto-flow: dense

grid-auto-flow: row;



grid-auto-flow: row dense;



<https://codepen.io/raphaelgoetter/pen/MpJMBo?editors=1100>

repeat()

```
.grid-container {  
    display: grid;  
    grid-template-columns: repeat(4, 1fr);  
}
```

Salade

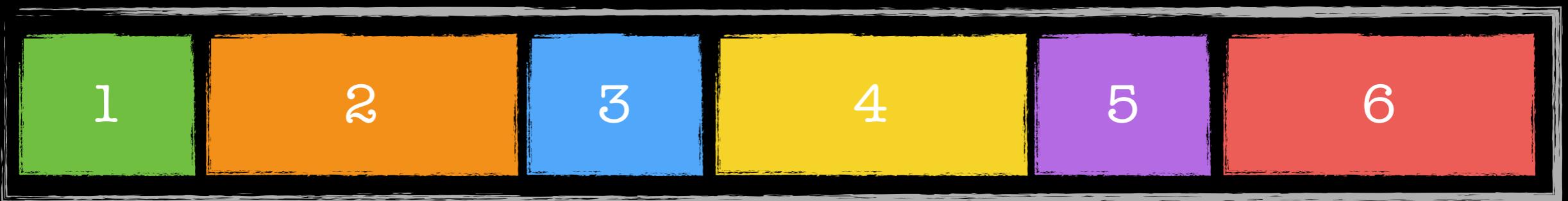
Tomate

Oignon

Picon bière

repeat()

```
.grid-container {  
    display: grid;  
    grid-template-columns: repeat(3, 50px 100px);  
}
```



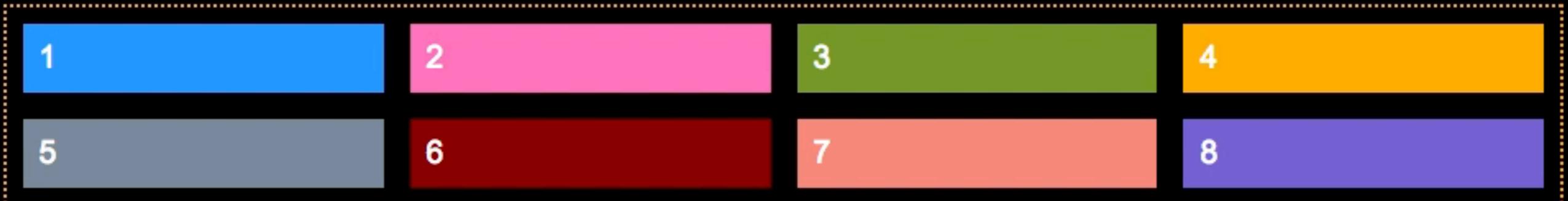
auto-fit

```
.grid-container {  
  display: grid;  
  grid-template-columns: repeat(auto-fit, 100px);  
}
```



maxi combo !

```
.grid-container {  
  display: grid;  
  grid-template-columns: repeat(auto-fit, minmax(100px, 1fr));  
}
```



<http://codepen.io/raphaelgoetter/pen/pgRQwv>

automatisation

base :

```
.grid {  
  display: grid;  
}
```

automatisation

base :

```
.grid {  
  display: grid;  
  --grid-number: 1;  
  --grid-gutter: 0;  
}
```



VARIABLES CSS ❤

<http://caniuse.com/#feat=css-variables>

automatisation

base :

```
.grid {  
  display: grid;  
  --grid-number: 1;  
  --grid-gutter: 0;  
  grid-gap: var(--grid-gutter);  
}
```

automatisation

base :

```
.grid {  
  display: grid;  
  --grid-number: 1;  
  --grid-gutter: 0;  
  grid-gap: var(--grid-gutter);  
  grid-template-columns: repeat(var(--grid-number), 1fr);  
}
```

automatisation

base :

```
.grid {  
  display: grid;  
  --grid-number: 1;  
  --grid-gutter: 0;  
  grid-gap: var(--grid-gutter);  
  grid-template-columns: repeat(var(--grid-number), 1fr);  
}
```

variantes :

```
.grid-6 {  
  --grid-number: 6;  
}  
  
.grid-gutter-1 {  
  --grid-gutter: 1rem;  
}
```

automatisation

```
<section class="grid grid-3 grid-gutter-1">  
  <div>Salade</div>  
  <div>Tomate</div>  
  <div>Oignon</div>  
  <div>Picon bière</div>  
</section>
```



<http://codepen.io/raphaelgoetter/pen/LNWbzz?editors=1100>



RESSOURCES

grid by example

Grid by Example

A collection of usage examples for the CSS Grid Layout specification.

What is Grid Layout? Learn Grid Layout Browser Support Resources Blog

CSS Grid Layout

The CSS Grid Layout specification is one of a few new specifications that are redefining how we approach layout for the web. Alongside Flexbox and the Box Alignment Module it will become part of a modern layout system for websites and web applications.

This site is growing collection of [examples](#) and [video](#), with the aim of helping people understand how Grid Layout works.

Grid is starting to ship in browsers. If your browser doesn't have support you may need to enable a flag. [Read more about browser support for Grid.](#)

Get Started with Grid

A simple grid

A	B	C
D	E	F

The simplest example. Create a three column grid. Grid Layout will auto place items one in each cell.

[View example 1](#)

<http://gridbyexample.com/>

CSS grid garden

GRID GARDEN

◀ Level 11 of 24 ▶

Try using `grid-column` to water these carrots. The `span` keyword also works with this shorthand property so give it a try!

```
1 #garden {  
2   display: grid;  
3   grid-template-columns: 20% 20% 20% 20% 20%;  
4   grid-template-rows: 20% 20% 20% 20% 20%;  
5 }  
6  
7 #water {  
8     
9 }  
10  
11  
12  
13  
14
```

[Next](#)

<http://cssgridgarden.com/>

Firefox ❤️

The screenshot shows a Firefox browser window with the developer tools open. The page content consists of a grid container with five columns and three rows. The first two rows have 5 columns each, and the third row has 6 columns. The first column of each row contains a title, and the second column contains a large amount of text. The third column of the first two rows contains a single word, and the fourth column of the first two rows contains a large word. The fifth column of the first two rows contains a large word, and the sixth column of the third row contains a large word. The bottom row also contains a footer section with five footer items.

Items numbered 1 through 11 are placed at the intersections of the grid:

- Row 1, Col 1: super titre d'article
- Row 1, Col 2: Lorem Elsass ipsum mitt picon bière munster du ft**big** Ponchour b**big**ne. Bibbeles**big**s jetz rossbolla sech choucroute un schwanz geburtstag, Chinette d0, ich bier deppfele schiesser. Flammekueche de knèkes Seppele gall a hopla geburtstag.
- Row 1, Col 3: big
- Row 1, Col 4: big
- Row 1, Col 5: big
- Row 2, Col 1: super titre d'article
- Row 2, Col 2: Chir**one**dû, Ich bier deppfele schiesser.
- Row 2, Col 3: Lore**two**sass ipsum mitt picon bière.
- Row 2, Col 4: large
- Row 2, Col 5: large
- Row 2, Col 6: Chinette de knèkes
- Row 3, Col 1: super titre d'article
- Row 3, Col 2: footer
- Row 3, Col 3: footer
- Row 3, Col 4: footer
- Row 3, Col 5: footer
- Row 3, Col 6: footer
- Row 3, Col 7: footer
- Row 3, Col 8: footer
- Row 3, Col 9: footer
- Row 3, Col 10: footer
- Row 3, Col 11: footer

The developer tools sidebar shows the following code:

```
<!DOCTYPE html>
<html lang="fr">
  <head></head>
  <body>
    <section class="grid-container">[grid]
      <article></article>
      <article></article>
      <article></article>
      <article></article>
      <article></article>
    </section>
    <!--Code injected by live-server-->
    <script type="text/javascript"></script>
  </body>
</html>
```

The styles.css file contains the following CSS:

```
.grid-container {
  display: grid;
  grid-template-columns: repeat(5, 1fr);
  grid-template-areas: "big big big one two" "big big big large large" "footer footer footer footer footer";
  min-height: 100vh;
  margin: 5vw;
}

* {
  box-sizing: inherit;
}
```

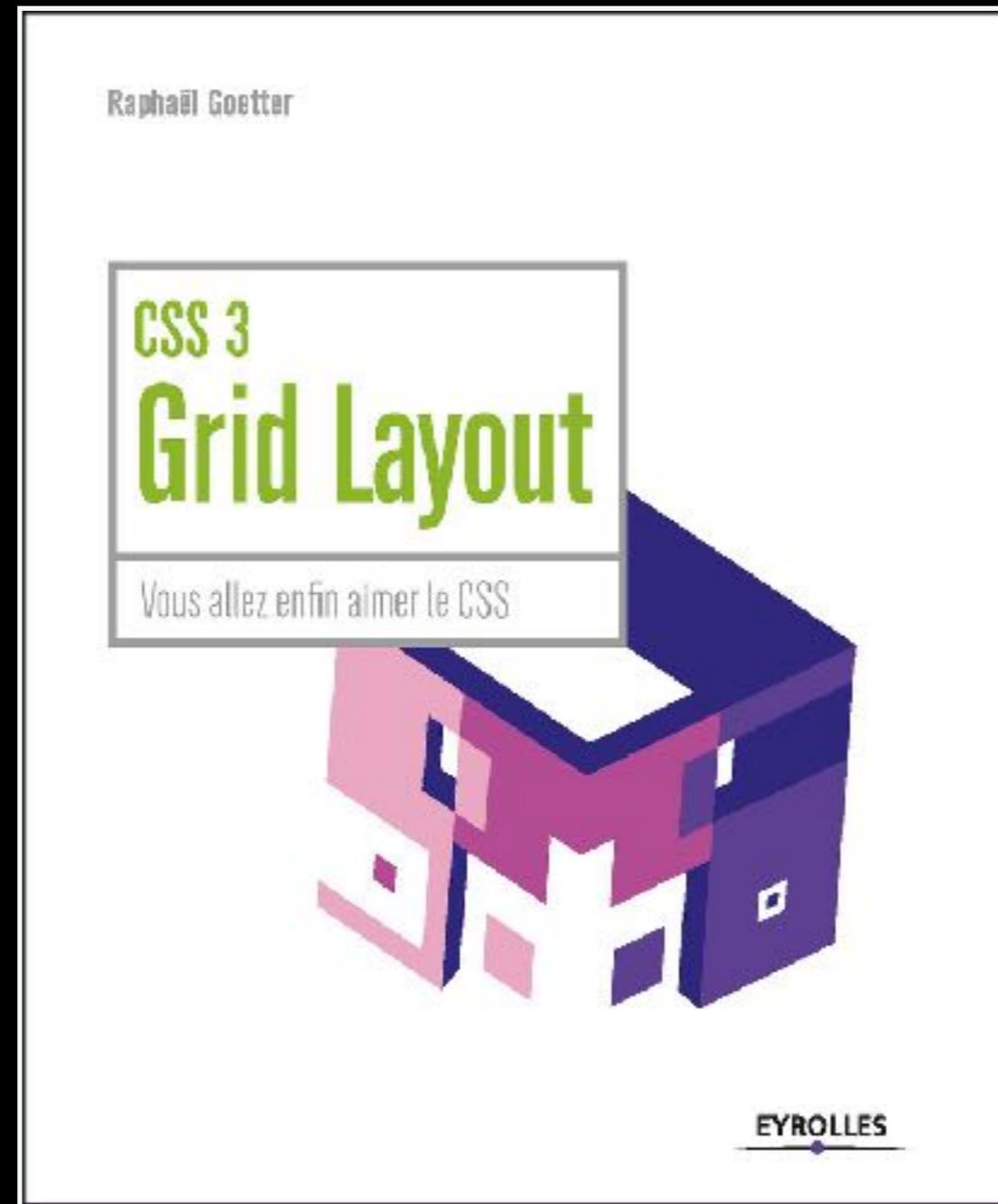
The developer tools interface includes tabs for Inspecteur, Console, Débogueur, Réseau, Éditeur de style, and others. A grid overlay is visible on the right side of the interface.

Gridcheat

grid layout cheatsheet				by @Substance
grid concepts and example				
grid line	grid track	<code>grid-template-columns: 10px 1fr 1fr 1fr;</code> <code>grid-template-rows: auto 1fr auto 1fr;</code>	<code>grid-template-columns: 1fr 1fr 1fr 1fr;</code> <code>grid-template-rows: auto 1fr auto 1fr;</code>	defining the grid
				<code>display: grid;</code> <code>grid-template-columns: 1fr 1fr 1fr 1fr;</code> <code>grid-template-rows: auto 1fr auto 1fr;</code>
grid cell	grid area	<code>grid-area: 1;</code>	<code>grid-area: 1 / 2 / 3 / 4;</code>	display <code>grid-area: 1;</code> <code>grid-area: 1 / 2 / 3 / 4;</code> <code>grid-area: 1 / 2 / 3 / 4;</code>
				<code>grid-template-columns: 1fr 1fr 1fr 1fr;</code> <code>grid-template-rows: auto 1fr auto 1fr;</code>
gaps				
gapping size of rows and columns gaps	auto placement	align-content	justify-content	
		<code>parent {</code> <code>gap: 10px;</code>	<code>parent {</code> <code>grid-template-columns: 1fr 1fr 1fr 1fr;</code> <code>grid-template-rows: 1fr 1fr 1fr;</code>	vertical alignment for whole grid <code>align-content: flex-start;</code> <code>align-content: flex-end;</code> <code>align-content: center;</code> <code>align-content: space-around;</code> <code>align-content: space-between;</code>
<code>parent {</code> <code>row-gap: 10px;</code>		<code>parent {</code> <code>gap: 10px;</code>	<code>parent {</code> <code>grid-template-columns: 1fr 1fr 1fr 1fr;</code> <code>grid-template-rows: 1fr 1fr 1fr;</code>	horizontal alignment for items that don't span their grid areas <code>justify-content: flex-start;</code> <code>justify-content: flex-end;</code> <code>justify-content: center;</code> <code>justify-content: space-around;</code> <code>justify-content: space-between;</code>
<code>parent {</code> <code>gap: 10px;</code>		<code>parent {</code> <code>gap: 10px;</code>	<code>parent {</code> <code>grid-template-columns: 1fr 1fr 1fr 1fr;</code> <code>grid-template-rows: 1fr 1fr 1fr;</code>	vertical alignment for items in their cells <code>align-items: flex-start;</code> <code>align-items: flex-end;</code> <code>align-items: center;</code> <code>align-items: space-around;</code> <code>align-items: space-between;</code>
placing items				
grid-row-start <code>row: line name line number</code>	grid-row-end <code>row: line name line number</code>	grid-column <code>column: line name column number</code>	grid-column-end <code>column: line name column number</code>	justify-items <code>justify-items: flex-start;</code> <code>justify-items: flex-end;</code> <code>justify-items: center;</code> <code>justify-items: space-around;</code> <code>justify-items: space-between;</code>
grid-column-start <code>column: line name line number</code>	grid-column-end <code>column: line name line number</code>	grid-column <code>column: line name column number</code>	grid-column-end <code>column: line name column number</code>	align-items <code>align-items: flex-start;</code> <code>align-items: flex-end;</code> <code>align-items: center;</code> <code>align-items: space-around;</code> <code>align-items: space-between;</code>
grid-area <code>name: for... everything</code>	span N <code>keyword for row or column spanning</code>	grid-area <code>name: for grid-area</code>	grid-area <code>name: for grid-area</code>	justify-self <code>justify-self: flex-start;</code> <code>justify-self: flex-end;</code> <code>justify-self: center;</code> <code>justify-self: space-around;</code> <code>justify-self: space-between;</code>
				align-self <code>align-self: flex-start;</code> <code>align-self: flex-end;</code> <code>align-self: center;</code> <code>align-self: space-around;</code> <code>align-self: space-between;</code>
<code>row {</code> <code>grid-area: 1 / 2 / 3 / 4;</code>	<code>row {</code> <code>grid-area: 1 / 1 / 1 / 1;</code>	<code>row {</code> <code>grid-area: 1 / 1 / 2 / 2;</code>	<code>row {</code> <code>grid-area: 2 / 2 / 2 / 2;</code>	grid-area <code>grid-area: 1 / 2 / 3 / 4;</code> <code>grid-area: 1 / 1 / 1 / 1;</code> <code>grid-area: 1 / 1 / 2 / 2;</code> <code>grid-area: 2 / 2 / 2 / 2;</code>
				grid-area <code>grid-area: 1 / 2 / 3 / 4;</code> <code>grid-area: 1 / 1 / 1 / 1;</code> <code>grid-area: 1 / 1 / 2 / 2;</code> <code>grid-area: 2 / 2 / 2 / 2;</code>
patterns				
name: <code>align-content: center;</code> <code>justify-content: center;</code>	parent: <code>grid-template-columns: 1fr 1fr 1fr 1fr;</code>	parent: <code>grid-template-columns: repeat(4, 25%);</code>	parent: <code>grid-template-columns: 1fr 1fr 1fr 1fr;</code> <code>grid-template-rows: 1fr 1fr 1fr 1fr;</code>	grid-template-columns: 1fr 1fr 1fr 1fr; <code>grid-template-columns: 1fr 1fr 1fr 1fr;</code> <code>grid-template-rows: 1fr 1fr 1fr 1fr;</code>
				grid-template-columns: 1fr 1fr 1fr 1fr; <code>grid-template-columns: 1fr 1fr 1fr 1fr;</code> <code>grid-template-rows: 1fr 1fr 1fr 1fr;</code>
resources				
english	français			
<ul style="list-style-type: none"> Grid by example https://css-tricks.com/examples/Grid/ Learn CSS Grid https://css-tricks.com/learn-css-grid/ CSS Grid free video https://cssgrid.net/ CSS Grid Garden https://cssgrid-garden.com/ 	<ul style="list-style-type: none"> CSS Grid for Absolute Beginners https://css-tricks.com/guide-absOLUTE-BEGINNERS/ 50 fun code puzzles https://cssdeck.com/get/50funcodepuzzles 			

<http://kiwi.gg/gridcheat>

oh, un livre ?!





Tu vois chérie, les
CSS c'est que du
bonheur

hihihi

merci !



RENDRE CSS
10X
PLUS SIMPLE

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Grid.Layout

raphaël goetter
alsacréations 