

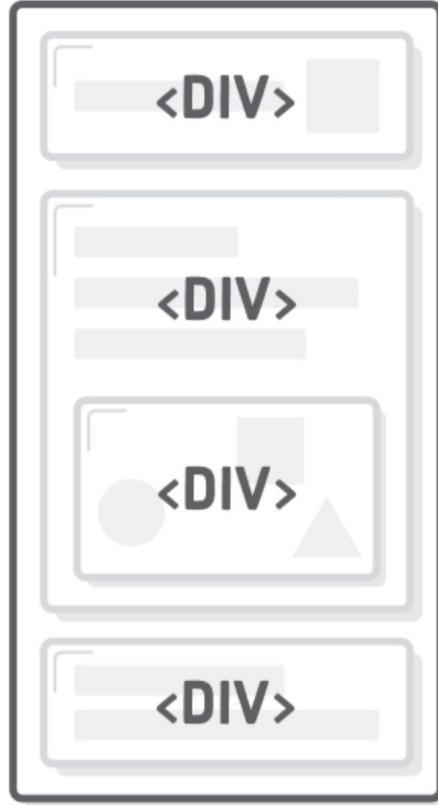
Introducción al Frontend Clase 02

En clases
pasadas...

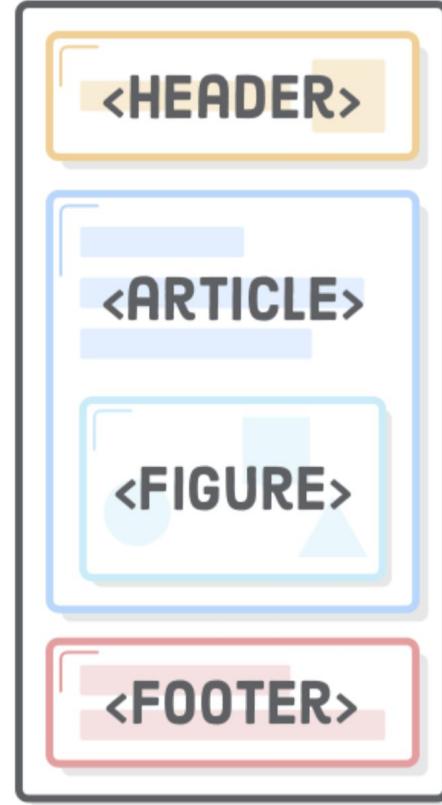
```
<!DOCTYPE html>

<html>
  <head>
    <!-- Metadata goes here -->
  </head>
  <body>
    <!-- Content goes here -->
  </body>
</html>
```

Real
No fake

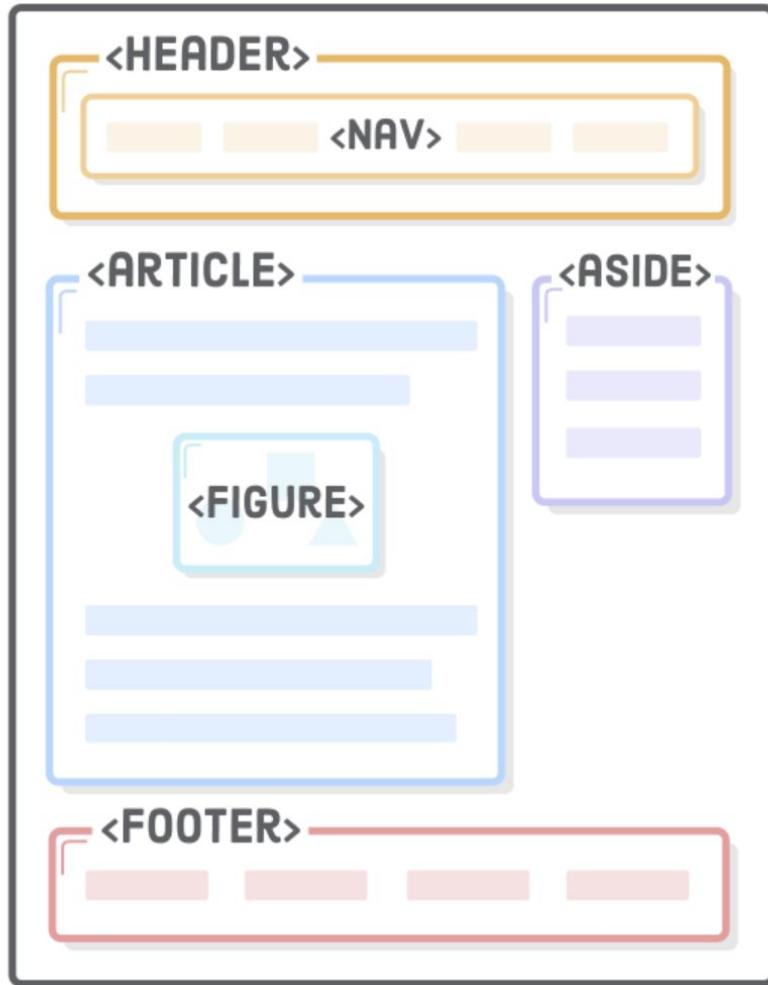


AMBIGUOUS STRUCTURE
(AKA “<DIV> SOUP”)



IDENTIFIABLE SECTIONS
(AKA “SEMANTIC MARKUP”)

Real
No fake



Real
No fake



The screenshot shows the VS Code interface with the following details:

- Explorer:** Shows the project structure with files like `utils.js`, `index.js`, and `blog-post.js`.
- Editor:** The `blog-post.js` file is open, displaying code that imports `graphql` from `gatsby` and `React` from `react`. It defines a `blogPost` component that takes `data` as a prop and returns a JSX structure.
- Terminal:** Shows the output of a build command:

```
info i [wdm]: Compiled successfully.  
info i [wdm]: changed file at  
[WAIT] Compiling...  
9:51:57 AM  
  
info i [wdm]: Compiling...  
[DONE] Compiled successfully in 63ms  
9:51:58 AM  
  
info i [wdm]:  
info i [wdm]: Compiled successfully.
```



chrome



Luis Resendiz

JAM STACK DEVELOPER

Lorem ipsum, dolor sit amet consectetur
adipisicing elit. Hic dolorum, repellat
tempore assumenda repellendus
laboriosam obcaecati, repudiandae quam,
possimus cum suscipit minus incident
libero expedita?



css

“In the late ‘90s, HTML coders noticed that they were retyping the same old tags again and again on the same page, leading to bigger HTML files and above all, time consumption and frustration. You may have found yourself in the same situation.”

Simplificación

“Then, someone had a great idea:
have one file that defines all the values that those piles of tags would have done, and then **have all your pages checking this file** and formatting your pages accordingly. ”

“If you ever decide to change the look of your site, you modify that one CSS file (your style sheet) and all the HTML pages reading from that file will display differently. This makes maintenance of

your design much easier.”

Simplificación

**CSS hace que
tengamos menos
codigo**

Real
No fake

**CSS hace que los
estilos sean
consistentes**

Real
No fake

CSS hace que sea más
fácil de mantener

Real
No fake

CSS es declarativo

Real
No fake



Selectores

```
selector {  
    property1: value1;  
    property2: value2;  
}
```

Real
No fake

Selectores pueden ser...

- **Elementos:** p, div, h1
- **classes**
- **id**

Real
No fake



Unidades de medida

Unidades de medida

px, em, rem



JavaScript Teacher

@js_tut



Pixel-perfect era is coming of age.

There are now 14 relative ↑↔ units in CSS.

em, ex, cap, ch, ic, rem, lh, rlh, vw, vh, vi, vb, vmin, vmax

#100daysofcode #javascript #reactjs #vuejs #angular #angularjs
#css

13:34 PM - 15 Aug 2018



63



125

Real
No fake

- the unpredictable em
- the savior rem: root em
- vh and vw

Real
No fake

3,4. vh and vw

Unlike `em` and `rem` which are dependent on font size `vh` & `vw` are dependent on the size of the viewport.

`1vh` = **1%** or **1/100th** of viewport height

`1vw` = **1%** or **1/100th** of viewport width

You may have seen some sites with typography that scales beautifully as you resize your browser window, `vw` & `vh` make it happen.

Real
No fake

5,6. vmax & vmin

Viewport max and viewport min: 1vw or 1vh, whichever is bigger or smaller respectively.

1vmax = **1%** or **1/100th** of the bigger value between 1vw or 1vh

1vmin = **1%** or **1/100th** of the smaller value between 1vw or 1vh

Real
No fake

[Best tutorial HTML and CSS]

internetingishard.com/html-and-css/

Real
No fake



Tipografía y texto

Inter font

Thin

AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%
AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%

Extra Light

AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%
AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%

Light

AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%
AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%

Regular

AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%
AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%

Medium

AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%
AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%

Semi Bold

AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%
AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%

Bold

AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%
AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%

Extra Bold

AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%
AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%

Black

AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%
AaBbDdEeGgMmOoRrSs
1234567890 !?()[]{}@\$#%

Fira Code font

Go

```
func main() {
    ch := make(chan int)
    ch <- 1.0e10 // magic number
    x, ok := <- ch
    ok = true
    defer fmt.Println(`exiting now`)
    go println(len("hello world!"))
    return
}
```

FIRA COD**E**
≠→++:=

Preguntas





Modelo de caja

Todo se puede ver como una caja

**Lorem ipsum dolor sit amet,
 consectetur adipiscing elit.
 Nullam sed ultricies nulla.
 Integer in mattis nunc.
 Suspendisse iaculis metus sed.**

Borde

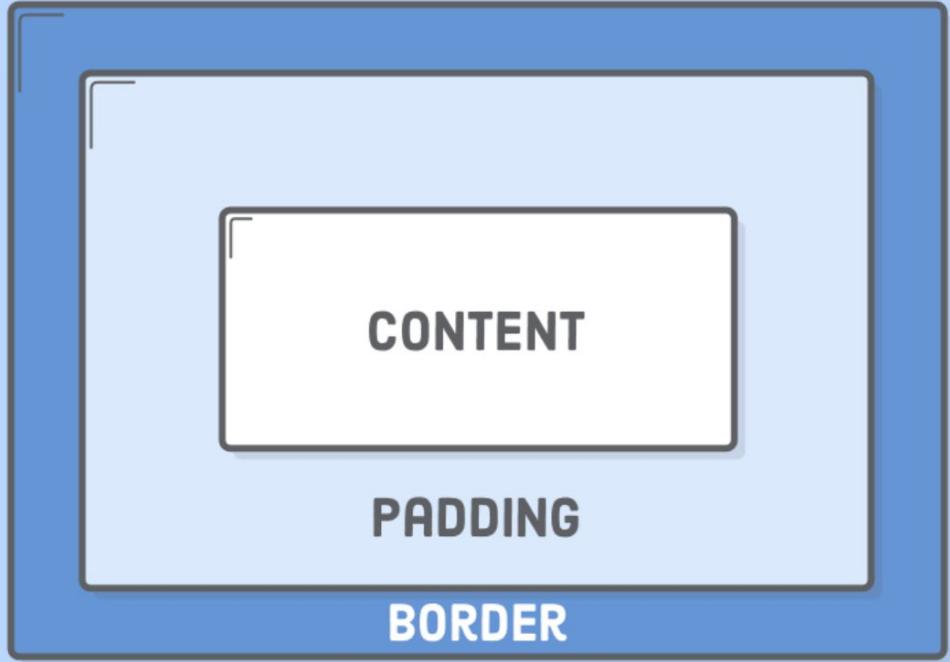
**Lorem ipsum dolor sit amet,
consectetur adipiscing elit.
Nullam sed ultricies nulla.
Integer in mattis nunc.
Suspendisse iaculis metus sed.**

Margin

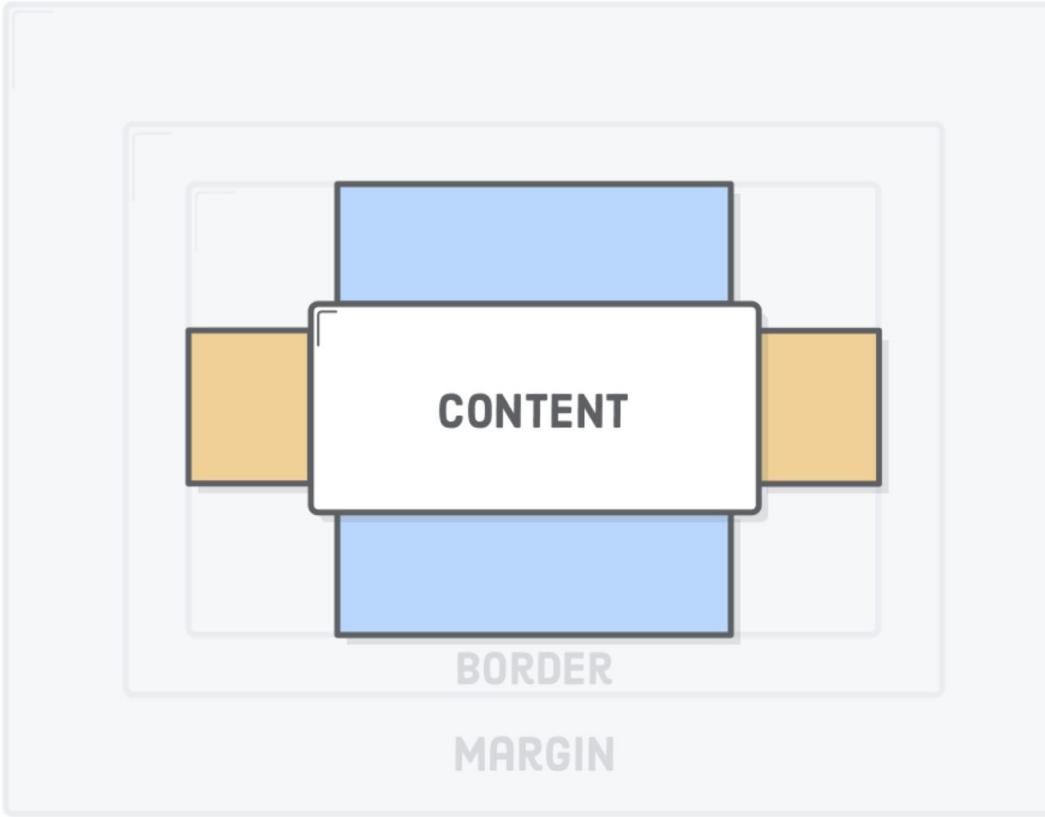
**Lorem ipsum dolor sit amet,
consectetur adipiscing elit.
Nullam sed ultricies nulla.
Integer in mattis nunc.
Suspendisse iaculis metus sed.**

Padding

**Lorem ipsum dolor sit amet,
consectetur adipiscing elit.
Nullam sed ultricies nulla.
Integer in mattis nunc.
Suspendisse iaculis metus sed.**



Real
No fake



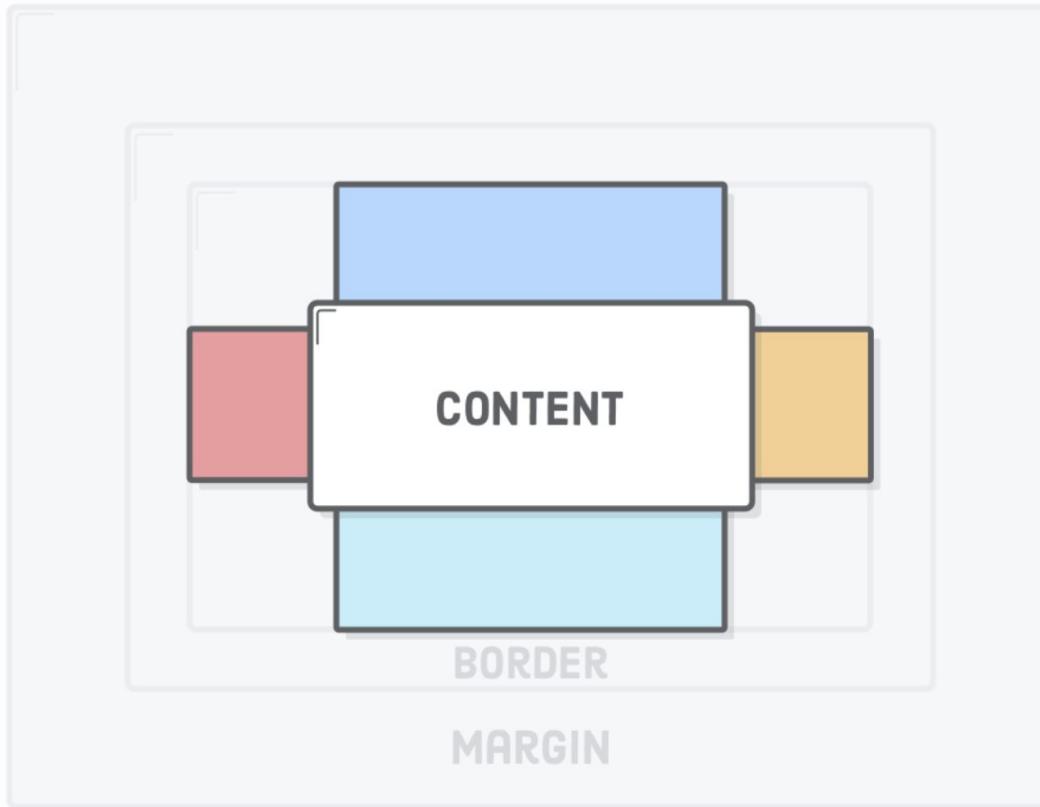
PADDING

:

VERTICAL

HORIZONTAL

Real
No fake



PADDING

:

TOP

RIGHT

BOTTOM

LEFT

Real
No fake

Modelo de caja (Box model)

Get Started →

Modelo de caja (Box model)

Get Started →

Modelo de caja (Box model)

Get Started →



Pseudo-clases

Pseudo-clases

```
selector:pseudoclas {  
    propiedad: valor;  
}
```

Pseudo-classes

[developer.mozilla](https://developer.mozilla.org)

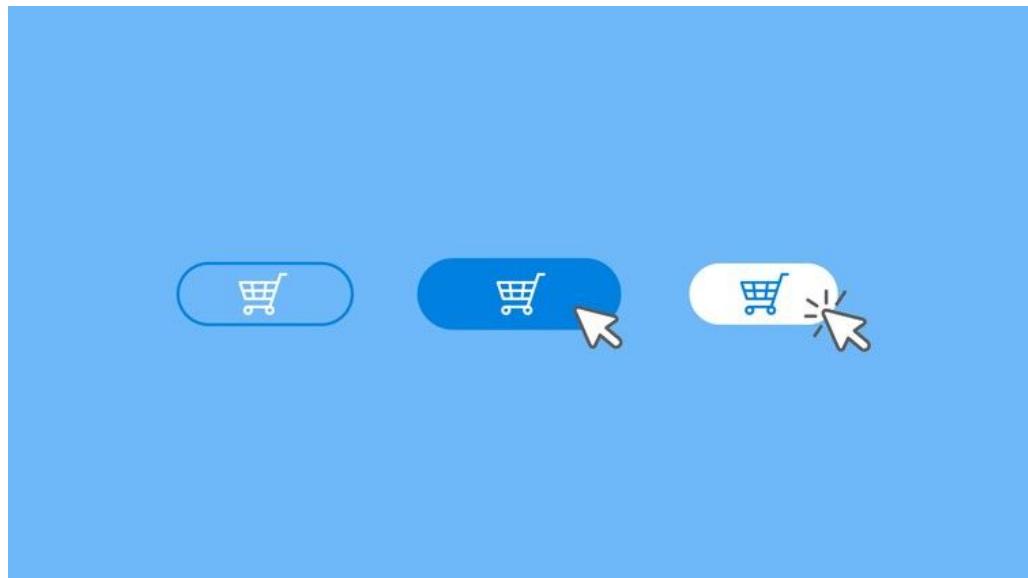
- [:active](#)
- [:checked](#)
- [:default](#)
- [:dir\(\)](#)
- [:disabled](#)
- [:empty](#)
- [:enabled](#)
- [:first](#)
- [:first-child](#)
- [:first-of-type](#)
- [:fullscreen](#)
- [:focus](#)
- [:hover](#)
- [:indeterminate](#)
- [:in-range](#)
- [:invalid](#)
- [:lang\(\)](#)
- [:last-child](#)
- [:last-of-type](#)
- [:left](#)
- [:link](#)
- [:not\(\)](#)
- [:nth-child\(\)](#)
- [:nth-last-child\(\)](#)
- [:nth-last-of-type\(\)](#)
- [:nth-of-type\(\)](#)
- [:only-child](#)
- [:only-of-type](#)
- [:optional](#)
- [:out-of-range](#)
- [:read-only](#)
- [:read-write](#)
- [:required](#)
- [:right](#)
- [:root](#)
- [:scope \(en-US\)](#)
- [:target](#)
- [:valid](#)
- [:visited](#)



Transiciones

Transiciones

developer.mozilla





Responsive design

Meta Viewport

```
<meta  
name="viewport"  
content="width=device-width,  
initial-scale=1"  
/>
```

Media queries

```
@media (max-width: 600px) {  
    .facet_sidebar {  
        display: none;  
    }  
}
```

Media queries

Framework	Small	Medium	Large	Extra large
Bulma	-	min: 769px ("mobile")	min: 1024px ("desktop")	min: 1216px ("fullhd")
Bootstrap 3	-	min: 768px	min: 992px	min: 1200px
Bootstrap 4	min: 576px	min: 768px	min: 992px	min: 1200px
Tailwind	min: 576px	min: 768px	min: 992px	min: 1200px
Zurb Foundation	-	min: 640px	min: 1024px	min: 1200px



Diseño

jgthms.com/
web-design-in-4-minutes

Simplificación

scrimba.com/p/ prpYaAy/ckPNwBCD

```
index.css  
  
49  
50 /* Improvements */  
51  
52  
53 h1 {  
54     font-size: 3em;  
55 }  
56  
57 .form-container {  
58     background: |▶  
59 }  
60  
61 label {  
62 }  
63  
64  
65 input[type=submit] {  
66 }  
67 }
```

▶ RUN PREVIEW CONSOLE



Simplificación

**twitter.com/scrimba/status/
1231894259650846725**



**Learn basic UI design
in a tweetstorm**

refactoringui.com

DETACHED HOUSE • 5Y OLD
\$750,000
742 Evergreen Terrace

Present data in a more useful way
Emphasize the most

Think Outside the Database

twitter.com [↗](#)

Contacts

Search teams or members

- Tighten Co. Team
- Taylor Otwell Member
- Adam Wathan Member

Use Fewer Borders

twitter.com [↗](#)

Cait Genevieve
New York, NY

Follow Message

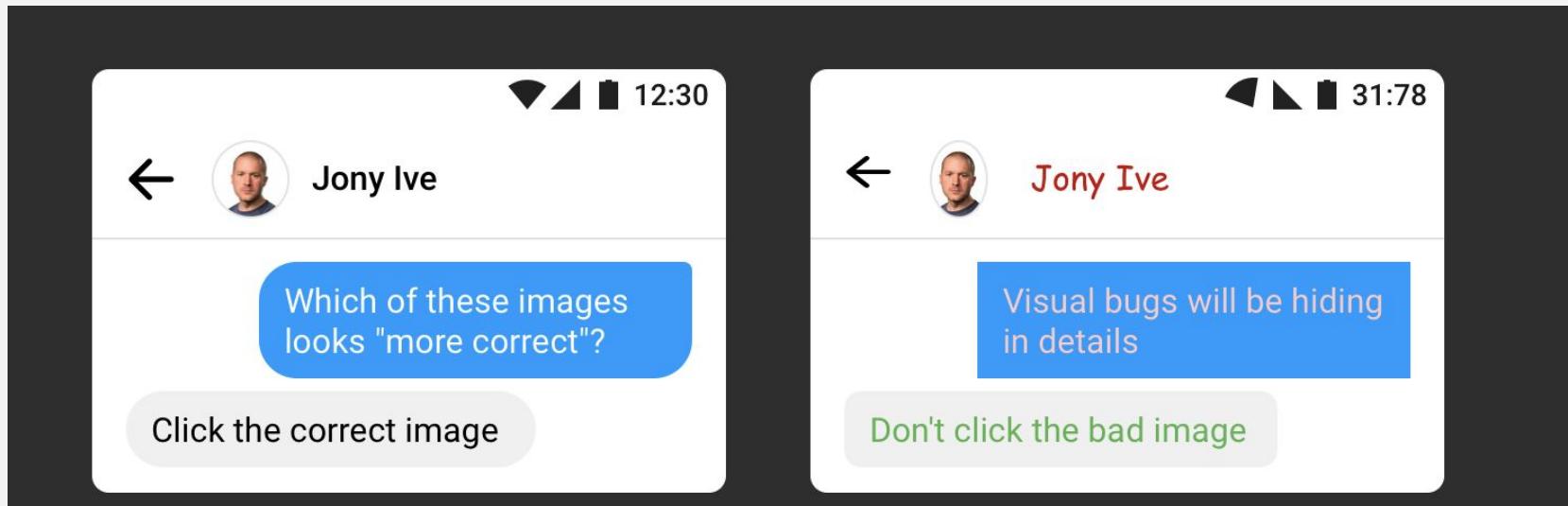
12 Followers you know

border: 4px solid #ffff;

Overlap Images to Add Depth

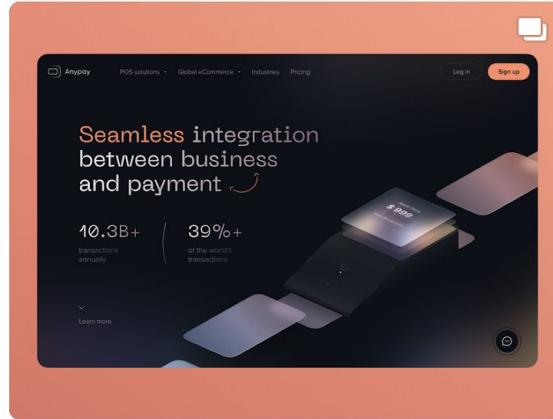
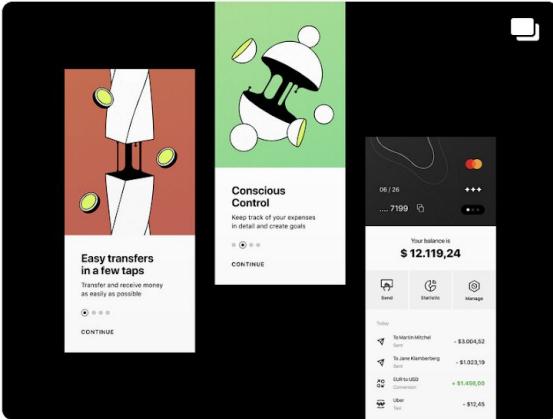
twitter.com [↗](#)

cantunsee.space

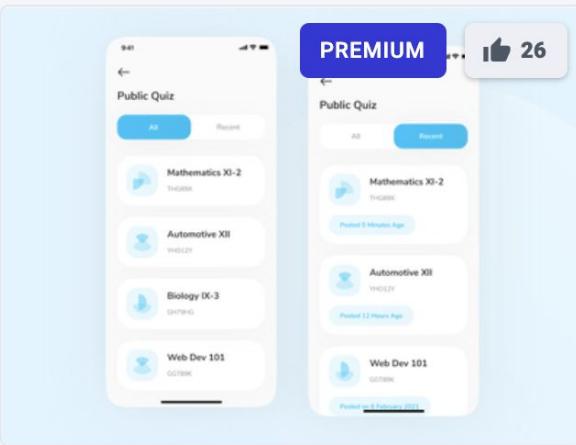


Referencias

dribbble.com/ alexplyuto

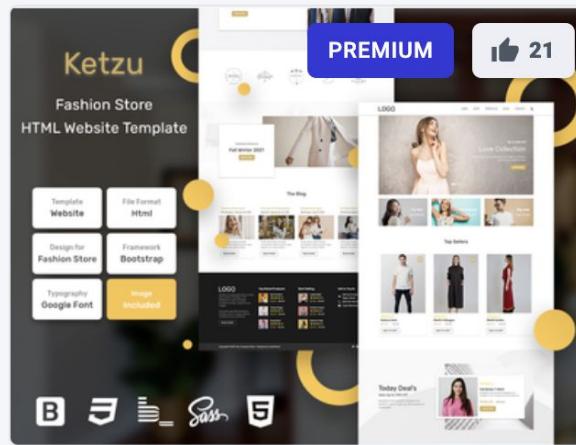


uplabs.com



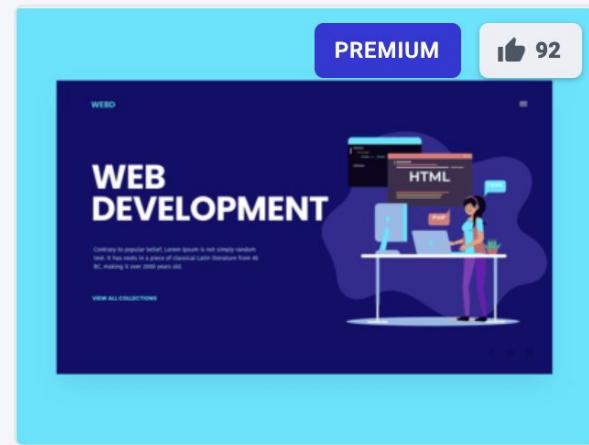
Quiz List App UI

FREE



Ketzu Fashion Store HTML Web Template V1.0

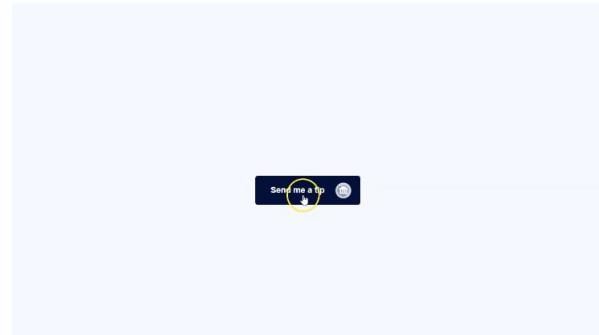
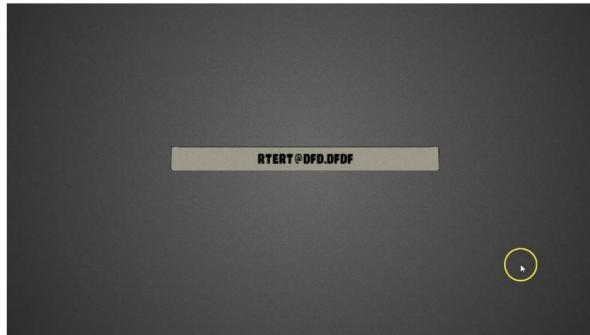
FREE



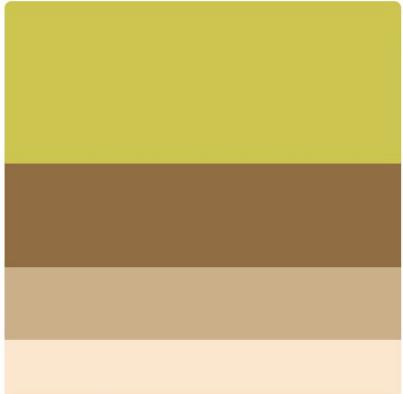
Web Development landing page

FREE

codemyui.com



colorhunt.co



288

4 days



WYOMING

420

 622

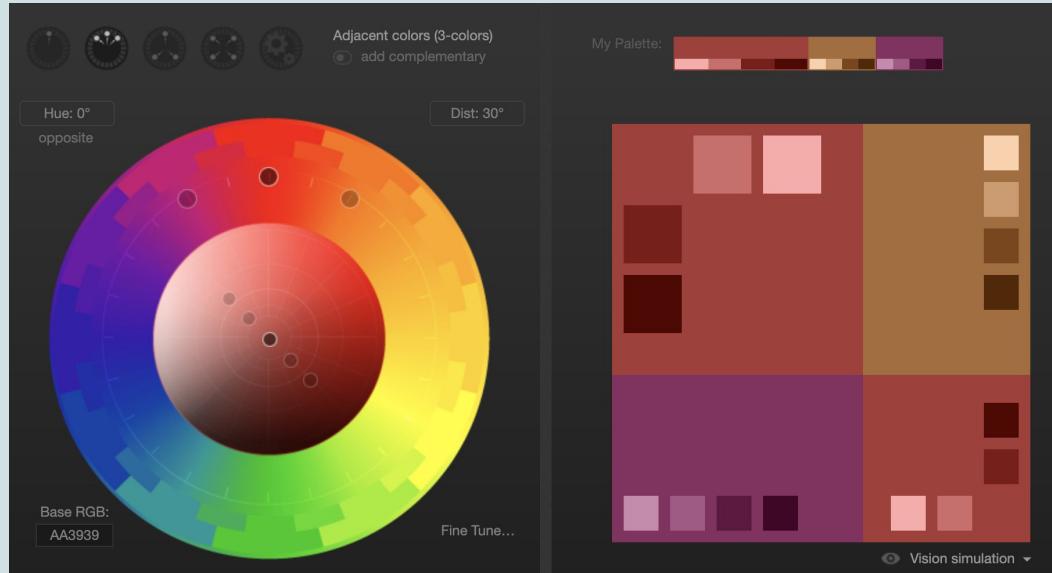
6 days



393

1 week

paletton.com



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course**tro**.com

NEW VIDEOS @ 11:30 AM ET

Learn with Gary Simon (Course instructor & Full Stack Dev of 20 years.)

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DesignCourse

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Hello World, Feat. JavaScript 0.1 (Official Music Video)

DesignCourse 85K views • 10 months ago

Here's my GUITAR PLAY reveal vid! 🎸🎸🎸 For the fun of it, I decided to make a full music video where I play the character of an early 80's coder who creates a program to travel to 2020. I had a b...

Uploads

▶ PLAY ALL



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You're Doing your Web Design Photographs Wrong....



Live UI/UX Reviews AND Working on Tomorrow's Video

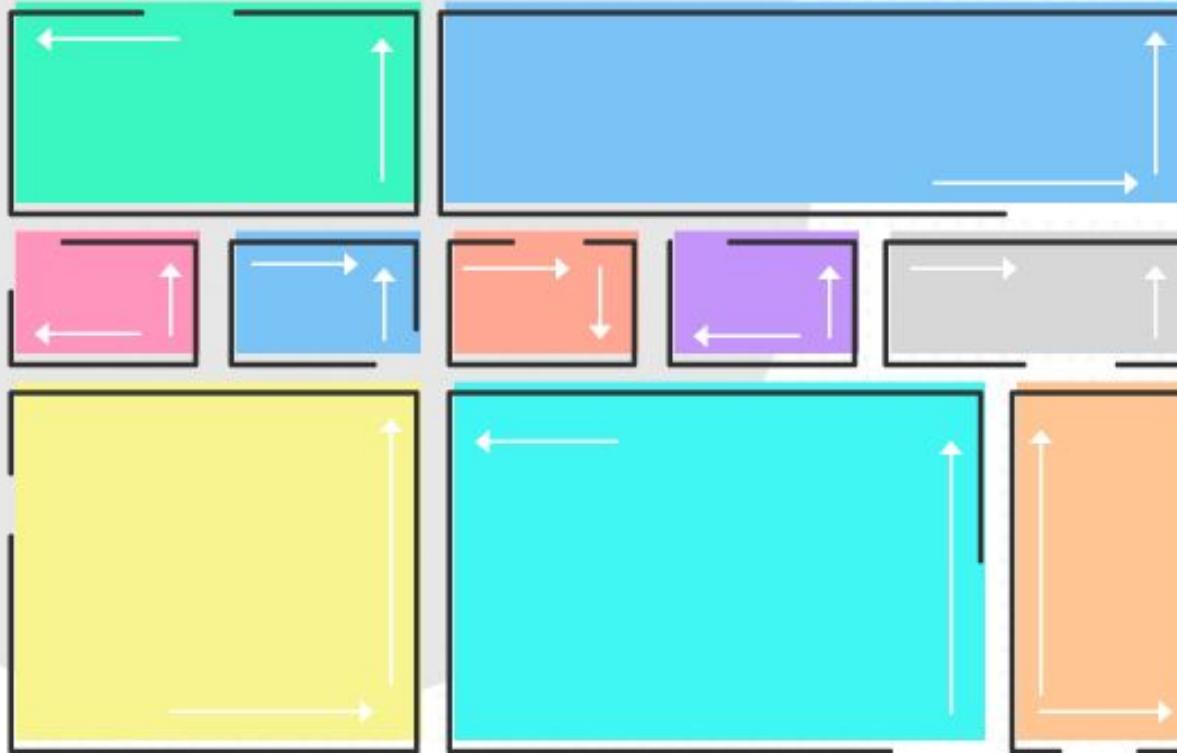


2 HTML Elements I Never Used!? (Details & Summary)

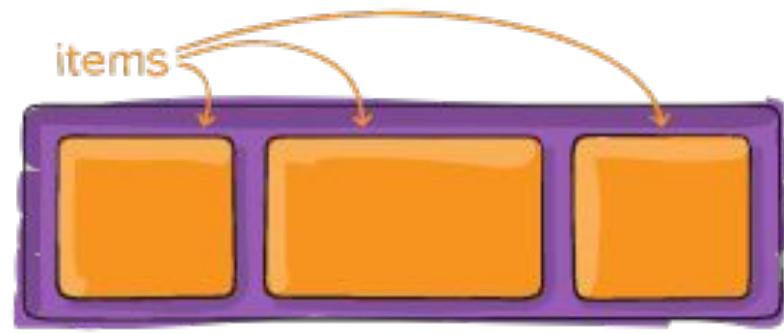
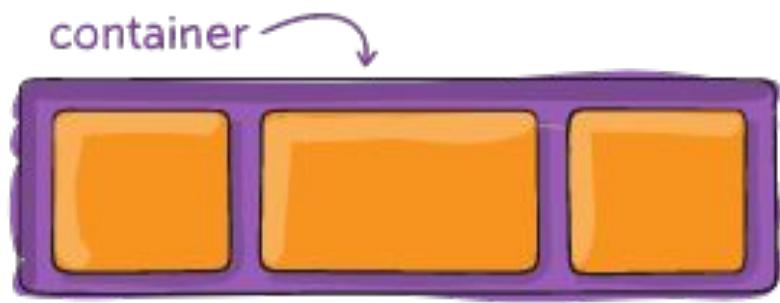
Simplificación

Preguntas

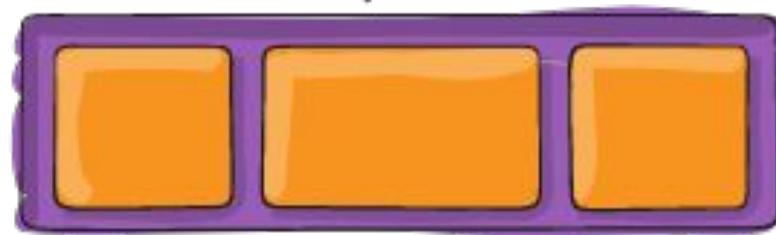




Flexbox



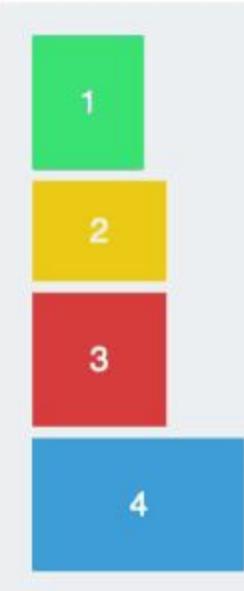
container



```
.container {  
    display: flex;  
}
```

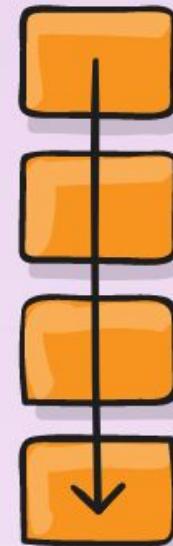
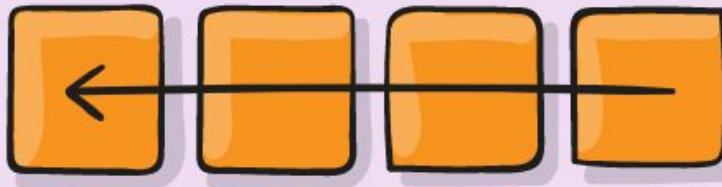
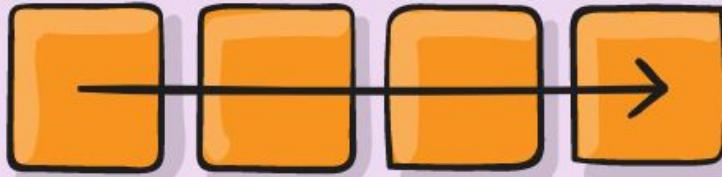
Container

display: block;



by Scott Domes

⌚ flex-direction



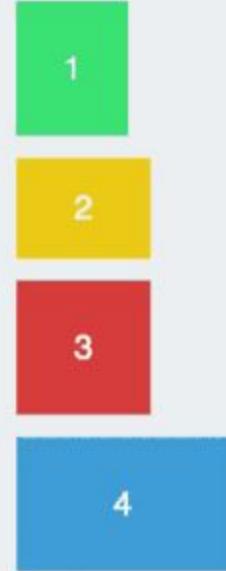
Container

flex-direction: row;



by Scott Domes

flex-direction: column;

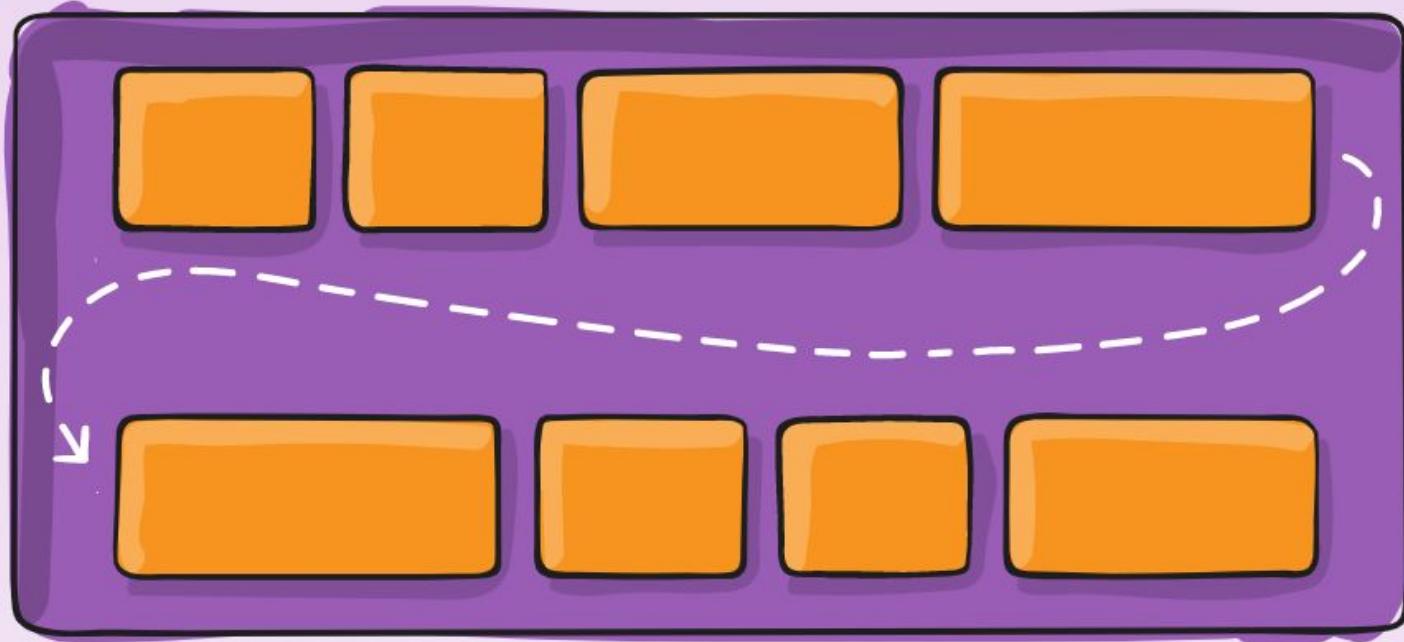


by Scott Domes

```
.container {  
  flex-direction: row | row-reverse | column | column-reverse;  
}
```

Container

⌚ flex-wrap



Container

```
.container {  
  flex-wrap: nowrap | wrap | wrap-reverse;  
}
```

Container

flex-direction + flex-wrap = flex-flow

```
.container {  
    flex-flow: column wrap;  
}
```

⌚ justify-content

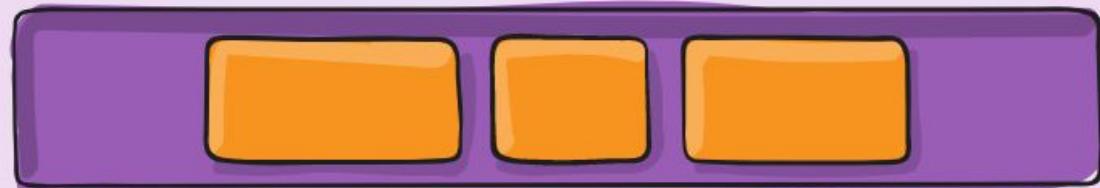
flex-start



flex-end



center



⌚ justify-content

space-between



space-around



space-evenly



justify-content: flex-start;

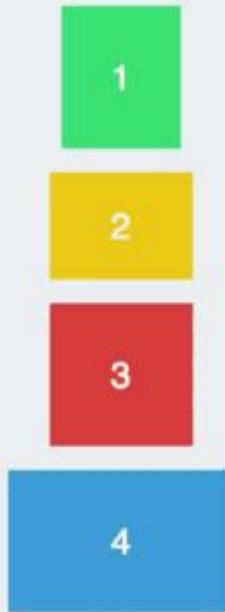


align-items: flex-start;



by Scott Domes

```
flex-direction: column;  
justify-content: center; align-items: center;
```



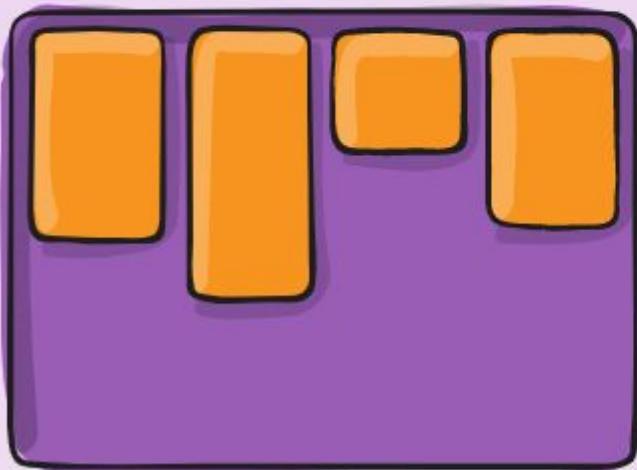
by Scott Domes

```
.container {  
  justify-content: flex-start | flex-end | center | space-between  
}
```

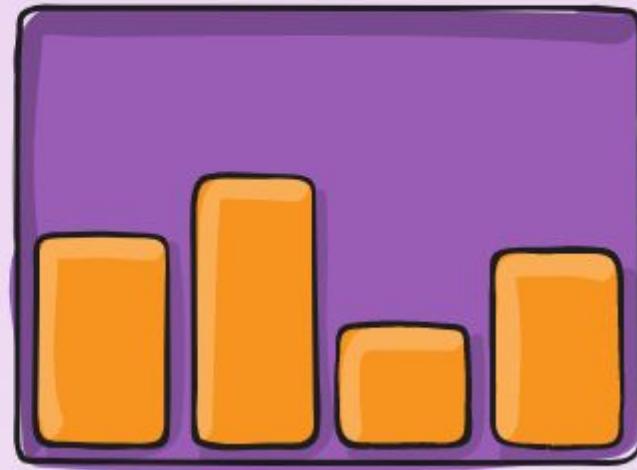
Container

⌚ align-items

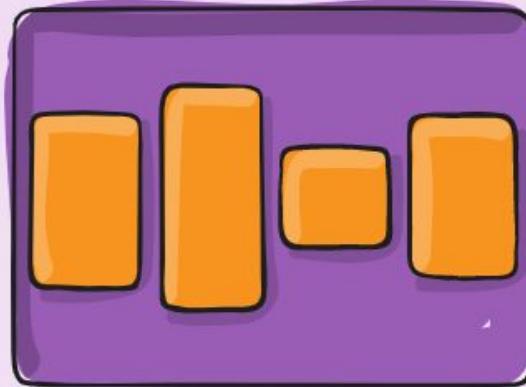
flex-start



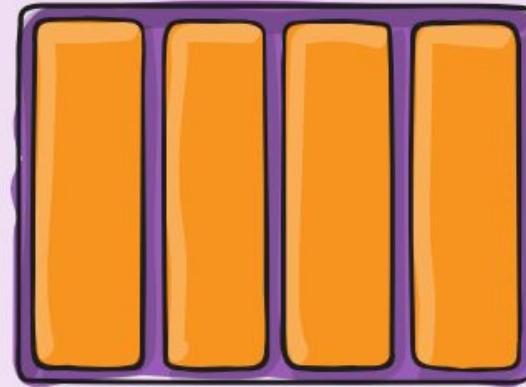
flex-end



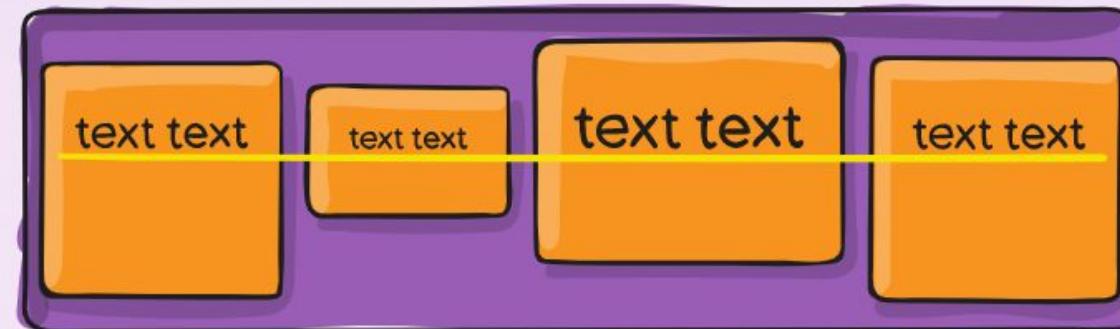
center



stretch



baseline



Container

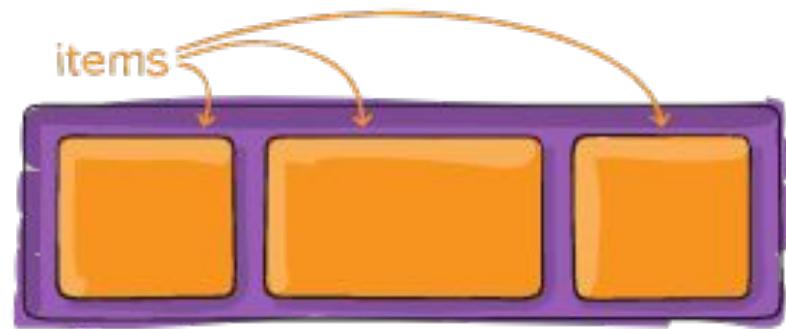
align-self: flex-start;



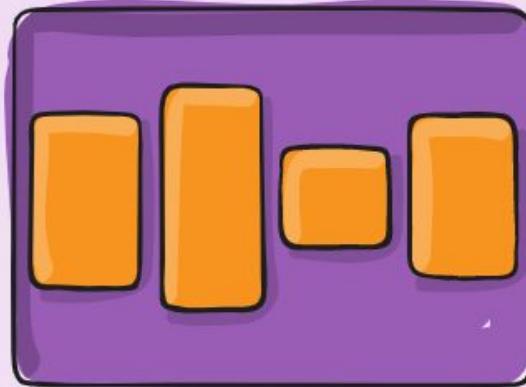
by Scott Domes

```
.container {  
  align-items: stretch | flex-start | flex-end | center | baseline  
}
```

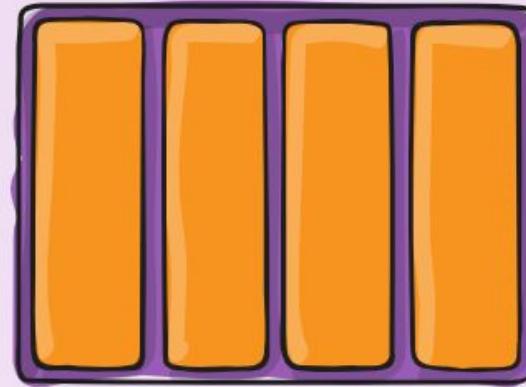
Container



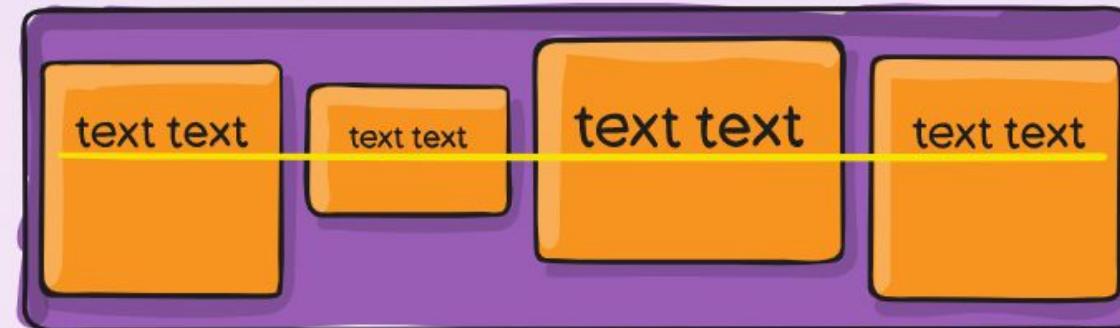
center



stretch



baseline

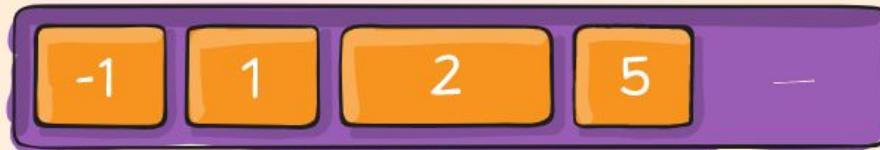


Container

```
.container {  
    align-items: stretch | flex-start | flex-end | center | baseline  
}
```

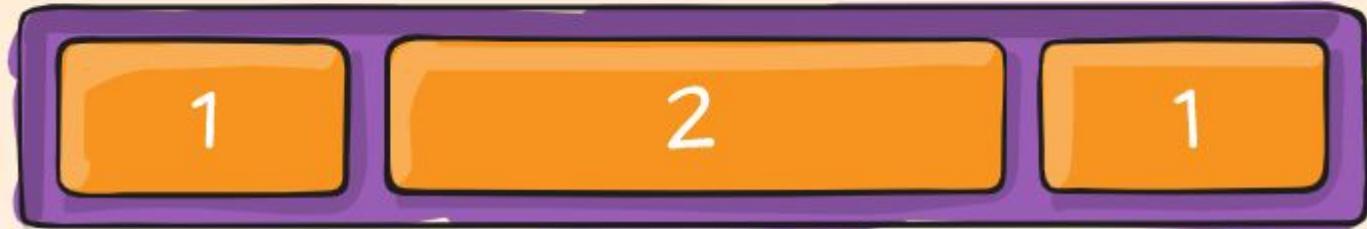
Container

⌚ order



```
.item {  
    order: 5; /* default is 0 */  
}
```

⌚ flex-grow

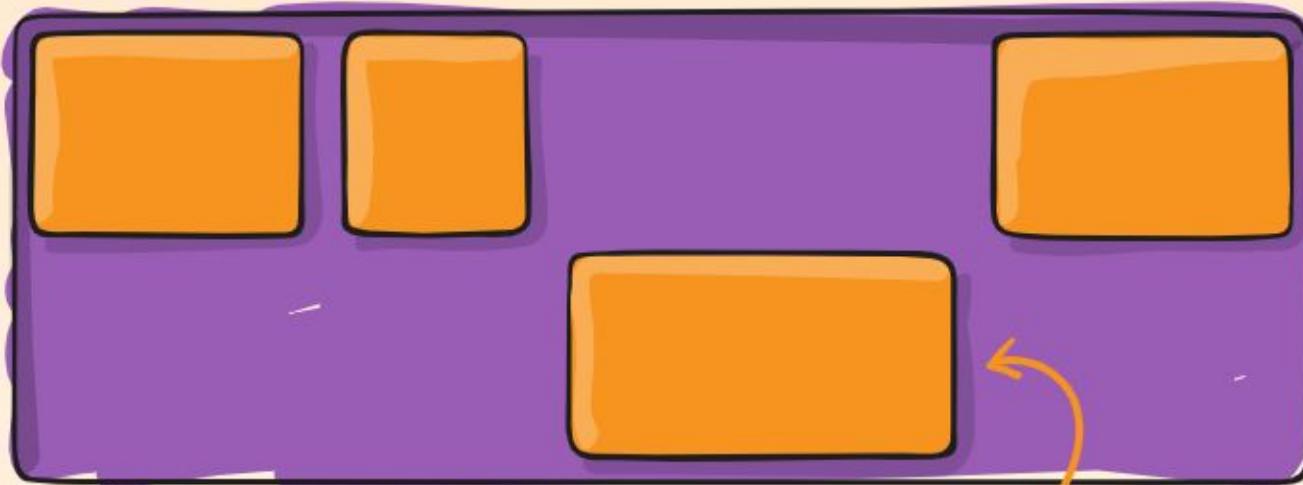


Items

```
.item {  
  flex-grow: 4; /* default 0 */  
}
```

⌚ align-self

flex-start



flex-end

```
.item {  
  align-self: auto | flex-start | flex-end | center | baseline | stretch;  
}
```

Items

FLEXBOX FROGGY

Nivel 1 de 24 ▶

Bienvenido a Flexbox Froggy, un juego donde ayudarás a Froggy y a sus amigos escribiendo código CSS. Guía a esta rana hacia la hoja de lirio en la derecha, usando la propiedad justify-content, la cual alinea elementos horizontalmente y acepta los siguientes valores:

- **flex-start**: Alinea elementos al lado izquierdo del contenedor.
- **flex-end**: Alinea elementos al lado derecho del contenedor.
- **center**: Alinea elementos en el centro del contenedor.
- **space-between**: Muestra elementos con la misma distancia entre ellos.
- **space-around**: Muestra elementos con la misma separación alrededor de ellos.

Por ejemplo, `justify-content: flex-end;` moverá la rana a la derecha.

```
1 #pond {  
2   display: flex;  
3     
4 }  
5  
6  
7  
8  
9  
10
```

Siguiente



Flexbox Froggy es una creación de [Codeipip](#) • [GitHub](#) • [Twitter](#) • [Settings](#)

Want to learn CSS grid? Play [Grid Garden](#).

flexboxfroggy.com/#es



flexboxfroggy.com

Preguntas





CSS Grid

Does CSS Grid Replace Flexbox?

A Complete Guide to Flexbox

A Complete Guide to CSS Grid

Flexbox Sheet

GRID GARDEN

Nivel 1 de 28 ▶

Bienvenido a Grid Garden, donde escribirás tu código CSS para cultivar tu jardín de zanahorias! Riega solo las áreas que tienen zanahorias usando la propiedad `grid-column-start`.

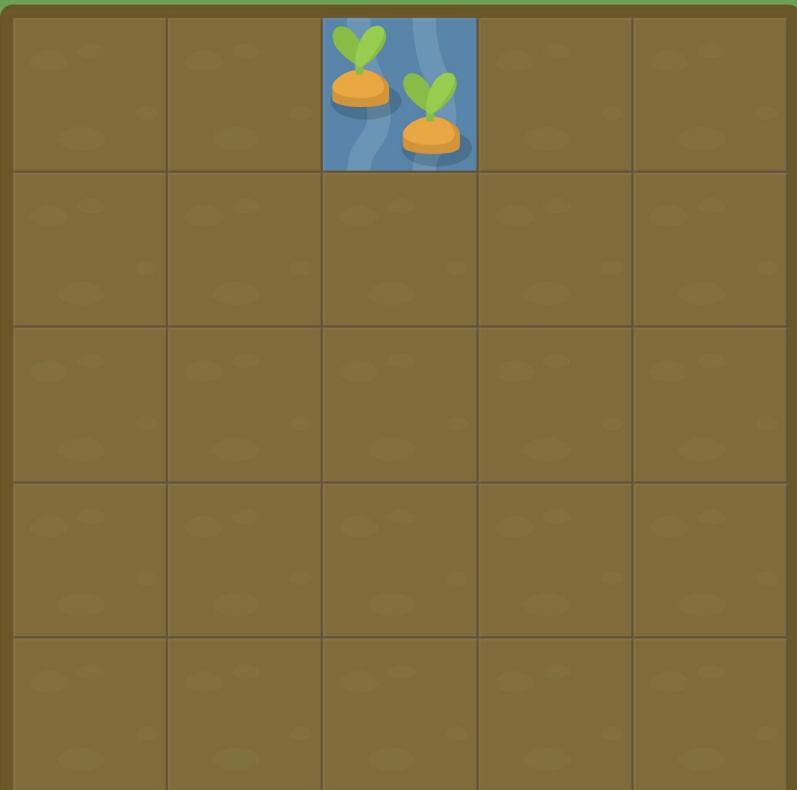
Por ejemplo, `grid-column-start: 3;` regará el área comenzando por la tercera línea vertical, que es otra manera de decir el 3er borde vertical contando desde la izquierda de la cuadrícula.

```
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   grid-column-start: 3|  
9 }  
10  
11  
12  
13  
14
```

Siguiente

Grid Garden es una creación de [Codepiper](#) • [GitHub](#) • [Twitter](#) • [Español](#)

Want to learn CSS flexbox? Play [Flexbox Froggy](#).



cssgridgarden.com/#es

css

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

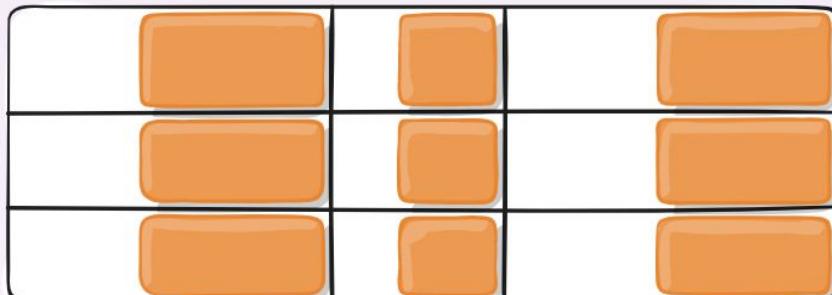
CSS

```
.container {  
    grid-template-columns: ... | ...;  
    grid-template-rows: ... | ...;  
}
```

```
.container {  
    /* standard */  
    gap: <grid-row-gap> <grid-column-gap>;  
  
    /* old */  
    grid-gap: <grid-row-gap> <grid-column-gap>;  
}
```

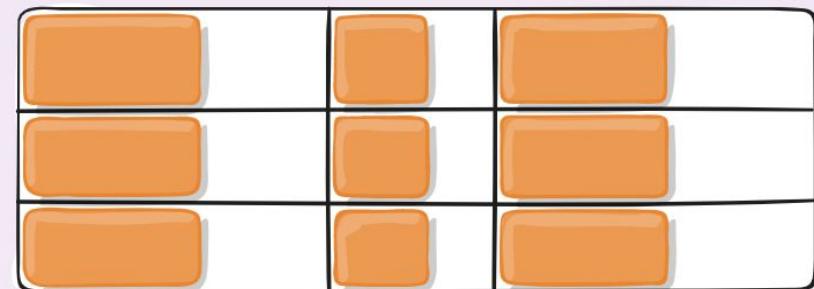
css

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



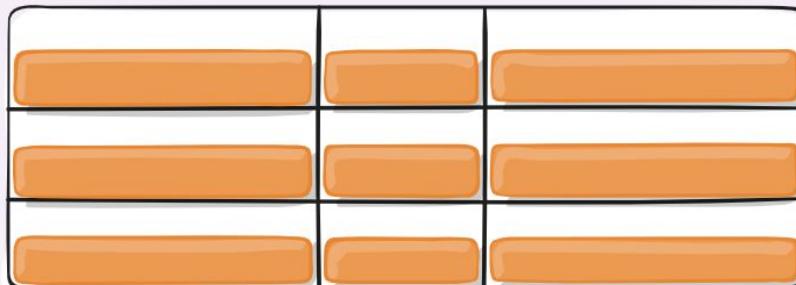
css

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



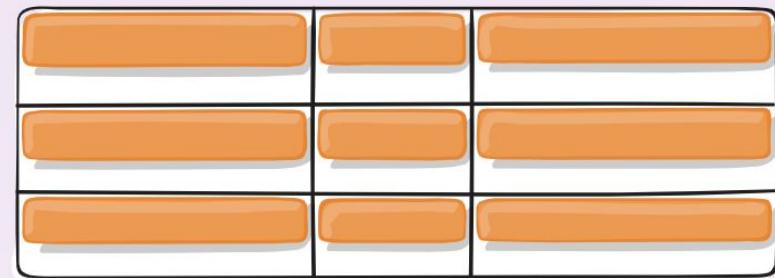
css

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



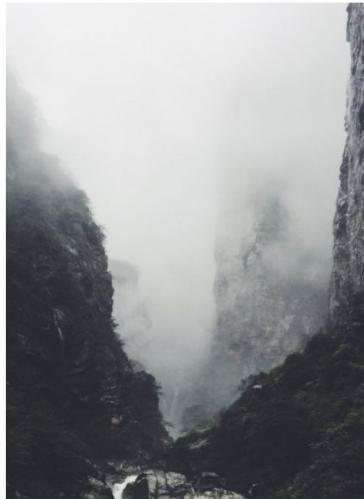
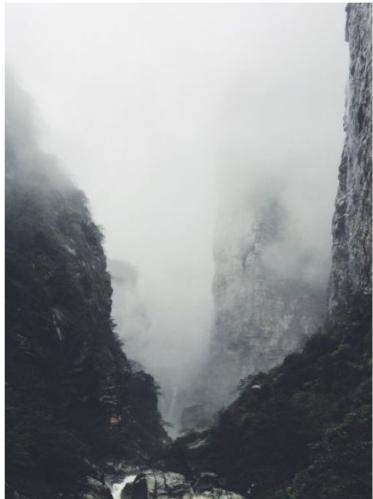
css

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



Responsive Image Grid

Resize the browser window to see the responsive effect.



```
.row {  
    display: flex;  
    flex-wrap: wrap;  
    padding: 0 4px;  
}  
  
/* Create four equal columns that sits next to each other */  
.column {  
    flex: 25%;  
    max-width: 25%;  
    padding: 0 4px;  
}  
  
.column img {  
    margin-top: 8px;  
    vertical-align: middle;  
    width: 100%;  
}
```

Coding time!



Luis Resendiz

JAM STACK DEVELOPER

Lorem ipsum, dolor sit amet consectetur
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tempore assumenda repellendus
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libero expedita?

