

# HTML + CSS

The background features a light gray dashed line that curves from the top left, around the central text, and towards the bottom right. Various colorful geometric shapes are scattered around: a large teal ring in the top left, a small teal circle next to it, a lime green circle in the bottom left, a green ring in the bottom left, a yellow ring in the bottom right, an orange circle in the bottom right, a pink circle in the middle right, a large lime green circle in the top right, and a green circle inside a dashed green circle in the top right. A square with a red 'X' is located in the bottom right corner, partially overlapping the yellow ring.



VIII

Episodio VIII

Flexbox



# ¿Hace cuánto que existe la flotación?

Desde la especificación de CSS2 - Noviembre 1997

¿Quiénes siguen usando la flotación?



Todos flotan  
Georgie,  
todos flotan!

## Float, el MALDITO float!

Anterior

Lorem ipsum dolor sit amet, consectetur adipiscing elit. In sit amet feugiat justo, vitae feugiat purus. Vivamus aliquam ligula at ornare dignissim. Ut imperdiet rutrum tincidunt. Phasellus rhoncus eros auctor porta vulputate.

Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Duis posuere nibh massa, nec sollicitudin eros vestibulum non. Aliquam pellentesque pharetra tortor ut feugiat. Donec vitae gravida nunc, eget tincidunt magna. Aliquam accumsan et justo quis porttitor.

Siguiente

```
.anterior{
  float: left;
}

.siguiente{
  float: right;
}
```

## Float, el MALDITO float!

[Anterior](#)

[Siguiente](#)

Lorem ipsum dolor sit amet, consectetur adipiscing elit. In sit amet feugiat justo, vitae feugiat purus. Vivamus aliquam ligula at ornare dignissim. Ut imperdiet rutrum tincidunt. Phasellus rhoncus eros auctor porta vulputate.

Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Duis posuere nibh massa, nec sollicitudin eros vestibulum non. Aliquam pellentesque pharetra tortor ut feugiat. Donec vitae gravida nunc, eget tincidunt magna. Aliquam accumsan et justo quis porttitor.

```
.nav{  
  overflow: hidden;  
}
```



# Flexbox - CSS3



Soporte actual!

## CSS Flexible Box Layout Module - CR

Method of positioning elements in horizontal or vertical stacks. Support includes all properties prefixed with **flex**, as well as **display: flex**, **display: inline-flex**, **align-content**, **align-items**, **align-self**, **justify-content** and **order**.

Global	85.95%	+	11.78%	=	97.74%
unprefixed:	85.68%	+	3.08%	=	88.76%
Argentina	91.92%	+	3%	=	94.91%
unprefixed:	91.8%	+	2.11%	=	93.9%

<div>Current aligned</div> <div>Usage relative</div> <div>Date relative</div> <div>Show all</div>									
IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
			49			10.2			
		55	60	10.1	47	10.3		4.4	
4 11	15	56	61	11	48	11	all	56	61
	16	57	62	TP	49				
		58	63		50				
		59	64						

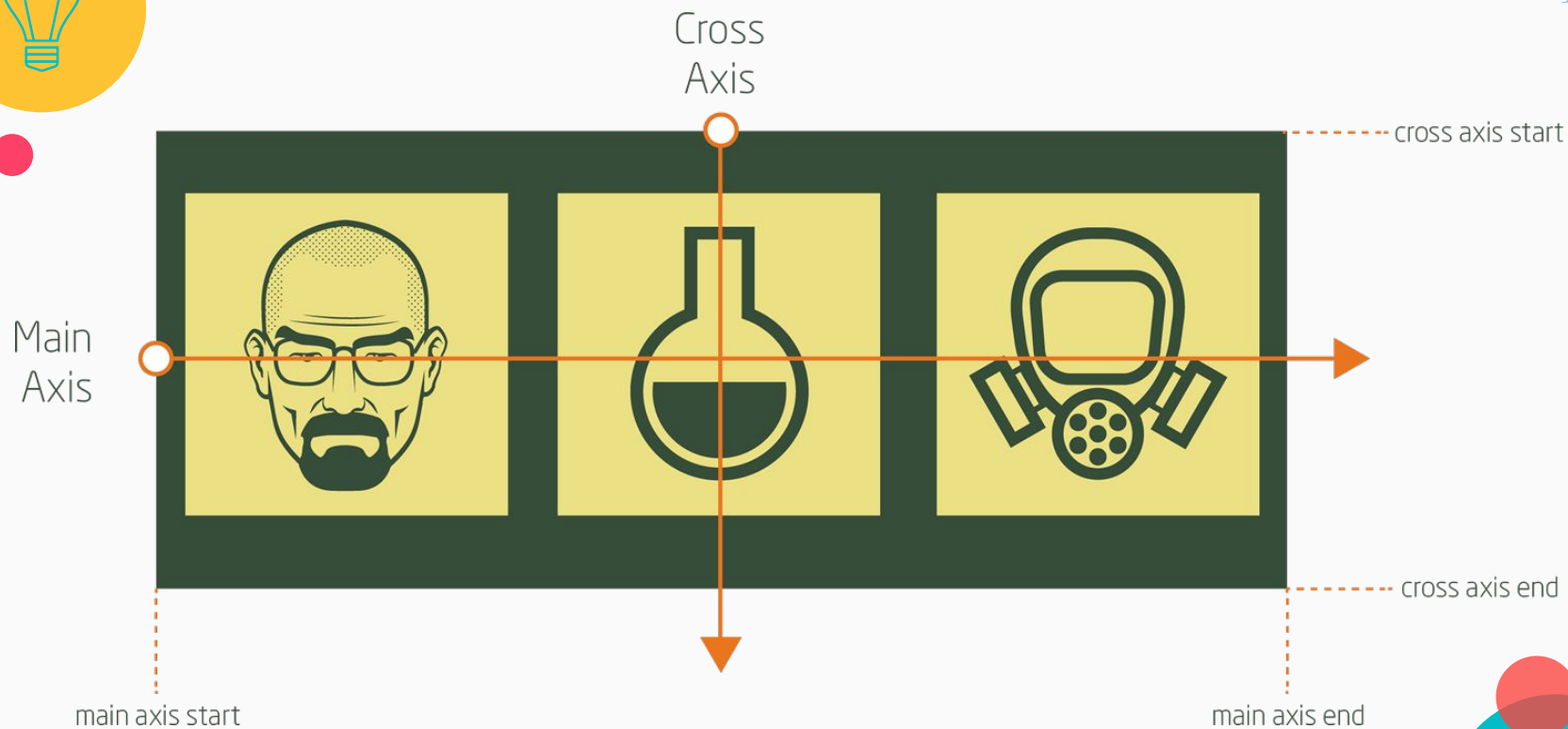
<http://caniuse.com/#search=flexbox/>



```
display: flex;
```

ó

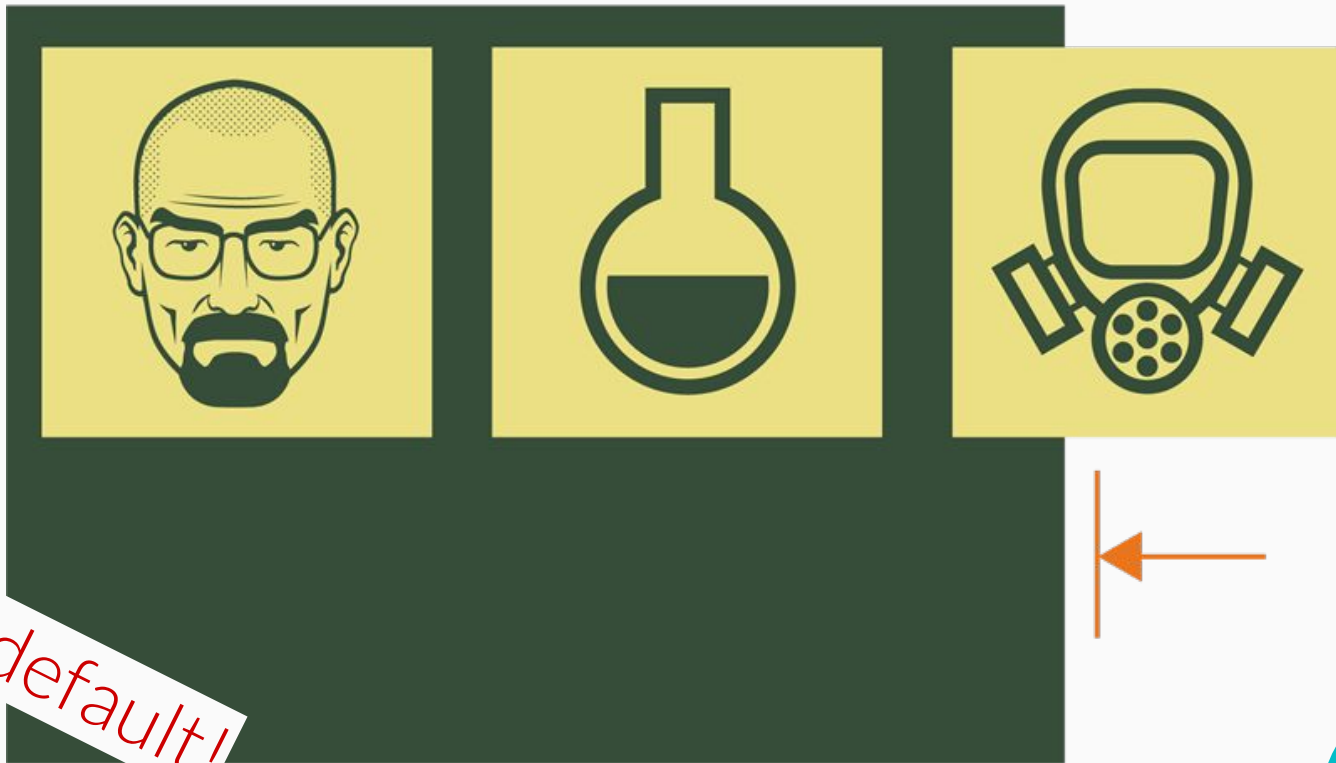
```
display: inline-flex;
```



Lo primero. Hacer que el container  
respete los anchos de sus hijos!

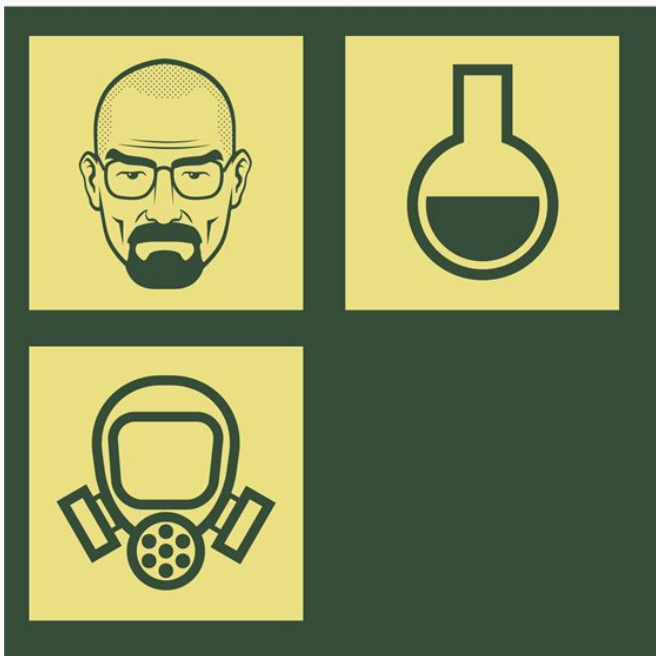
Si, hablamos del wrap.

`flex-wrap: nowrap;`



default!

flex-wrap: wrap;



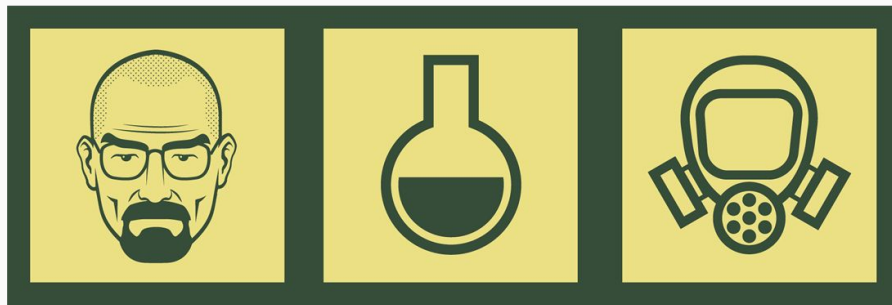
flex-wrap: wrap-reverse;



# ¿Queremos crear Filas o Columnas?

Ok, Flexbox lo puede.

`flex-direction: row;`



default!

`flex-direction: row-reverse;`





flex-direction: column;



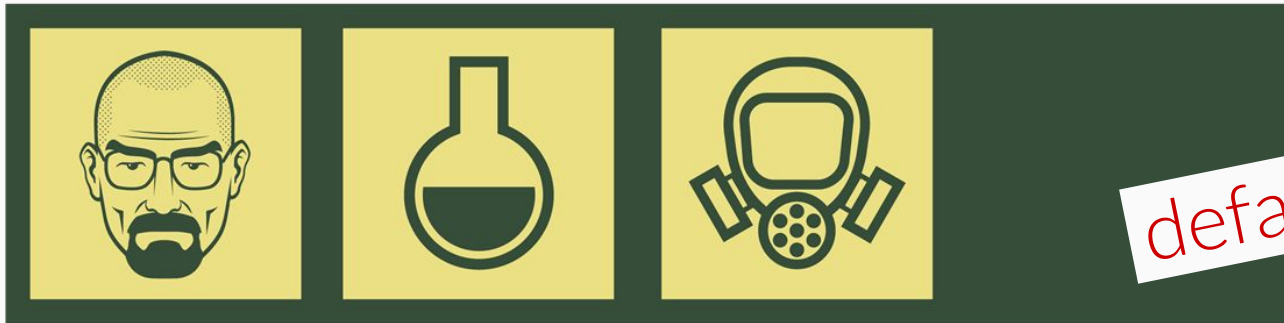
flex-direction: column-reverse;



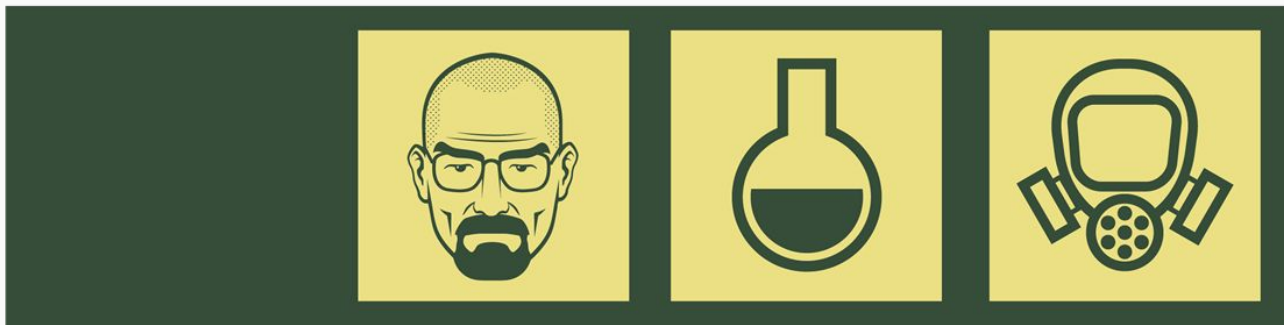
# ¿Necesitamos alinear el contenido en el **main-axis**?

Ok, Flexbox lo tiene.

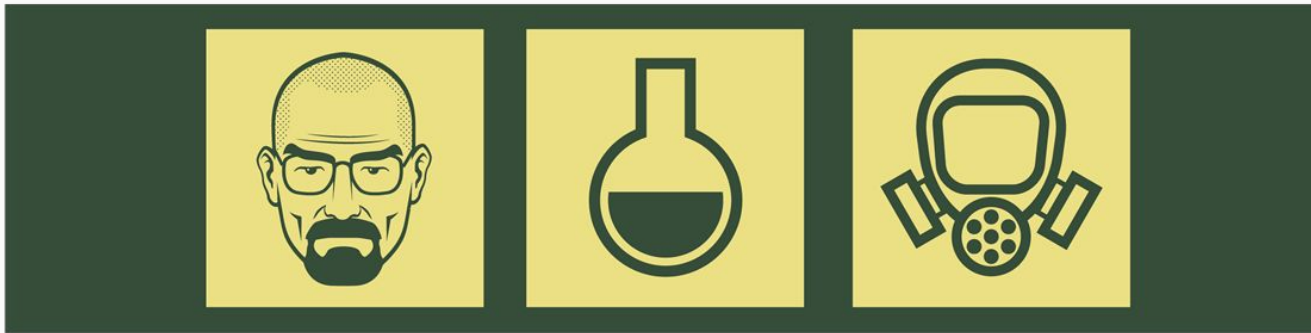
`justify-content: flex-start;`



`justify-content: flex-end;`



`justify-content: center;`



`justify-content: space-between;`



justify-content: space-around;

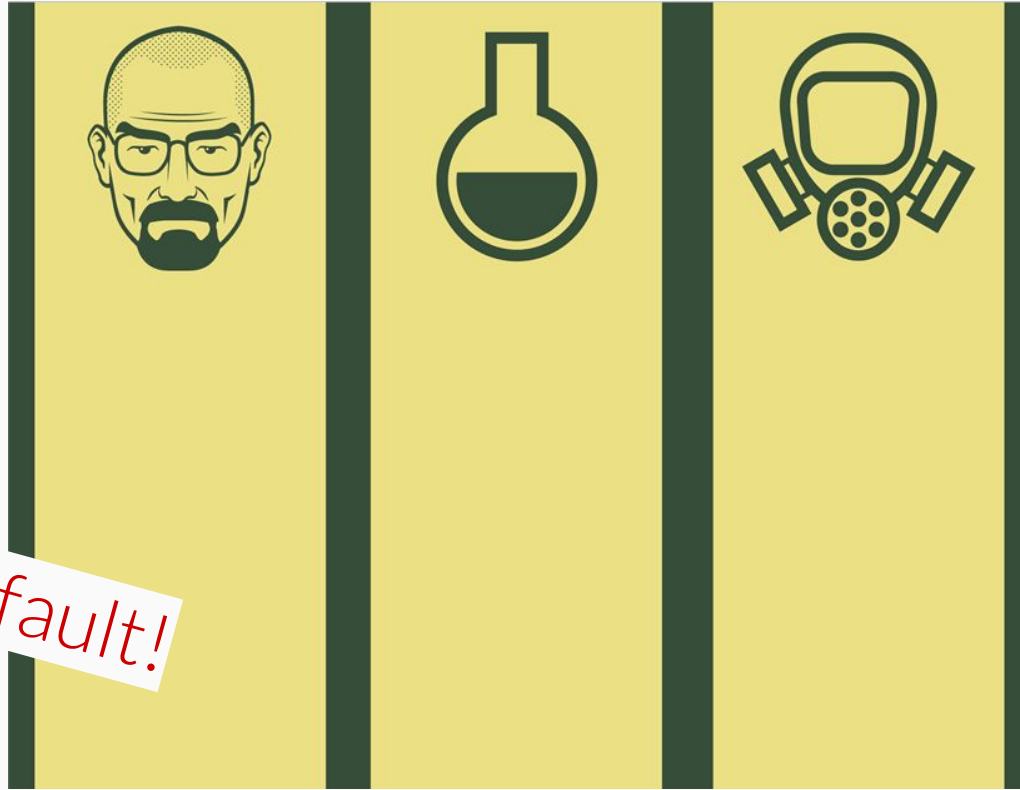


Y ¿con el **cross-axis** puedo hacer algo?

Off course, Flexbox lo puede.

align-items: stretch;

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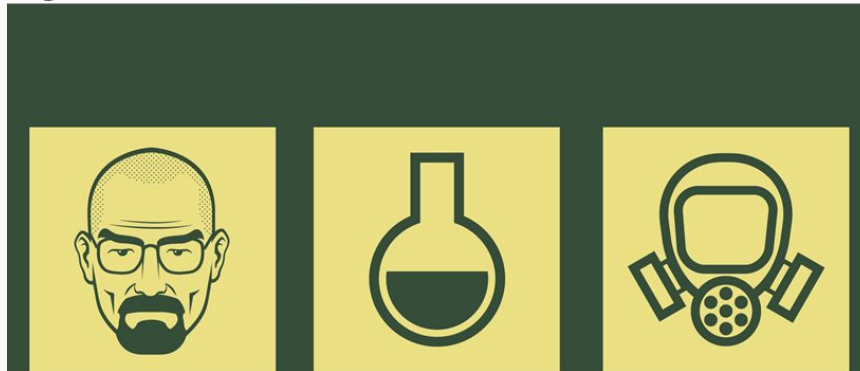
default!



`align-items: flex-start;`



`align-items: flex-end;`

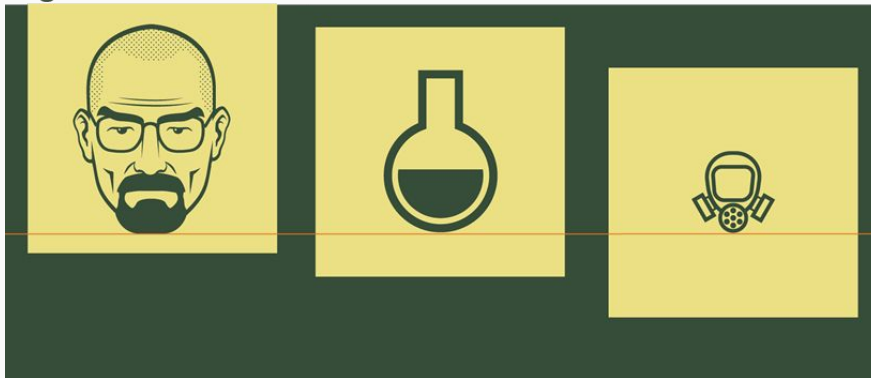




`align-items: center;`



`align-items: base-line;`



# Wonderful, pero ¿y qué pasa con los **flex-items**?

Don't worry, Flexbox se la re banca.

## ORDER



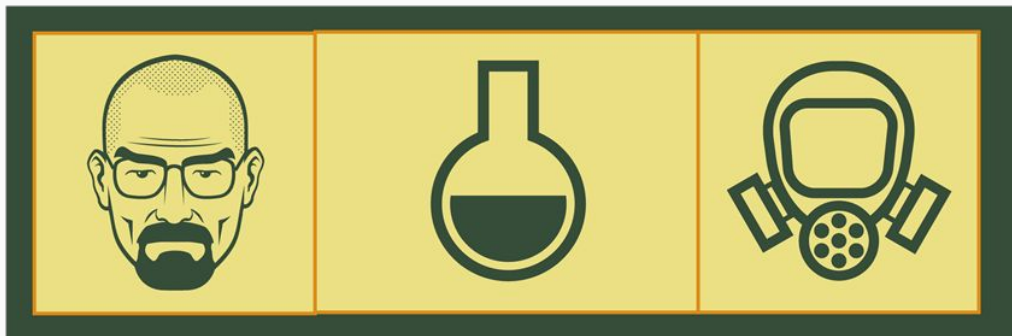
```
.walt{order: 3;}  
.pipe{order: 1;}  
.mask{order: 2;}
```



## FLEX-GROW

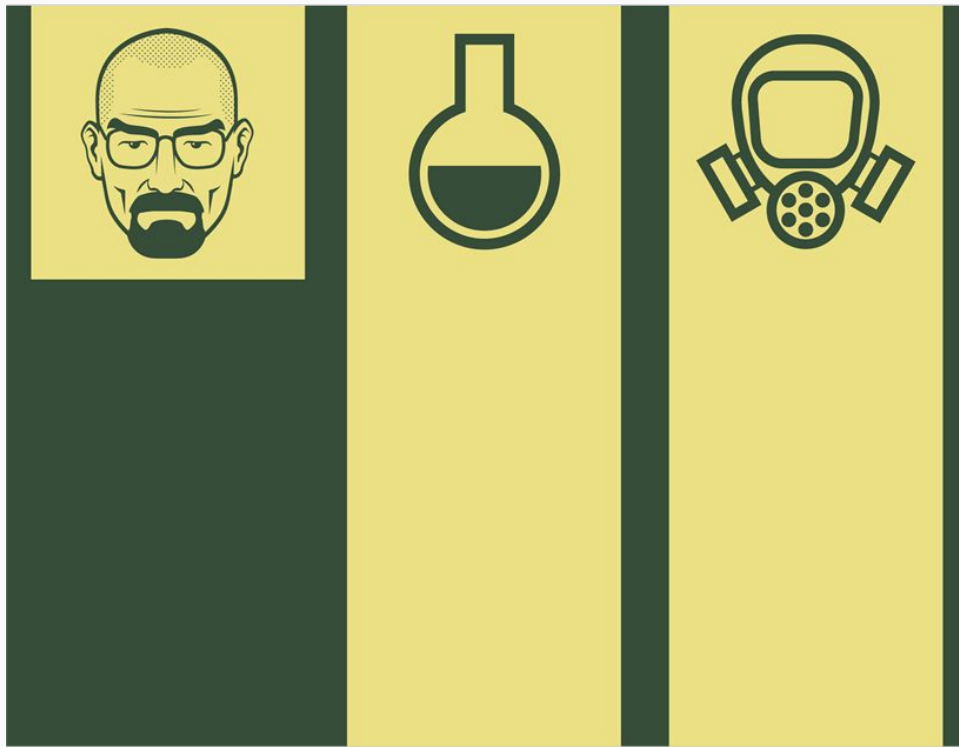


```
.pipe{flex-grow: 1;}
```

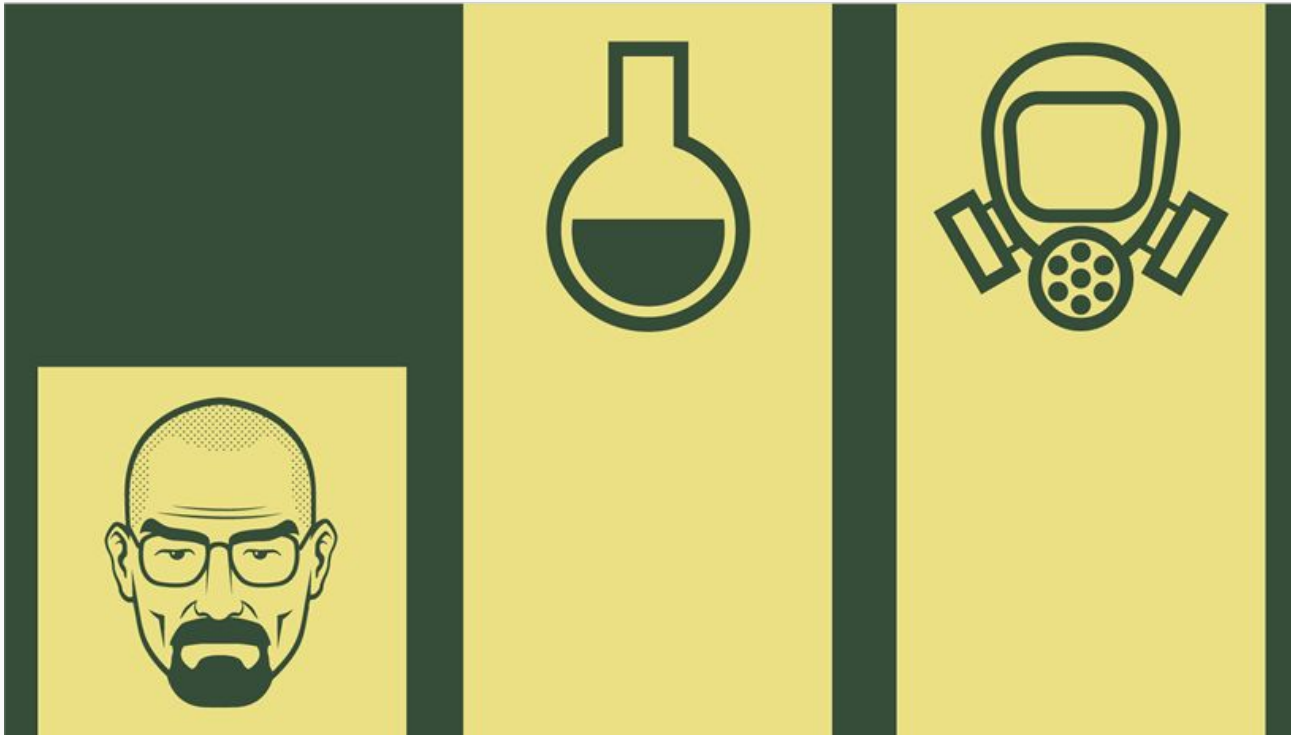


## ALIGN-SELF

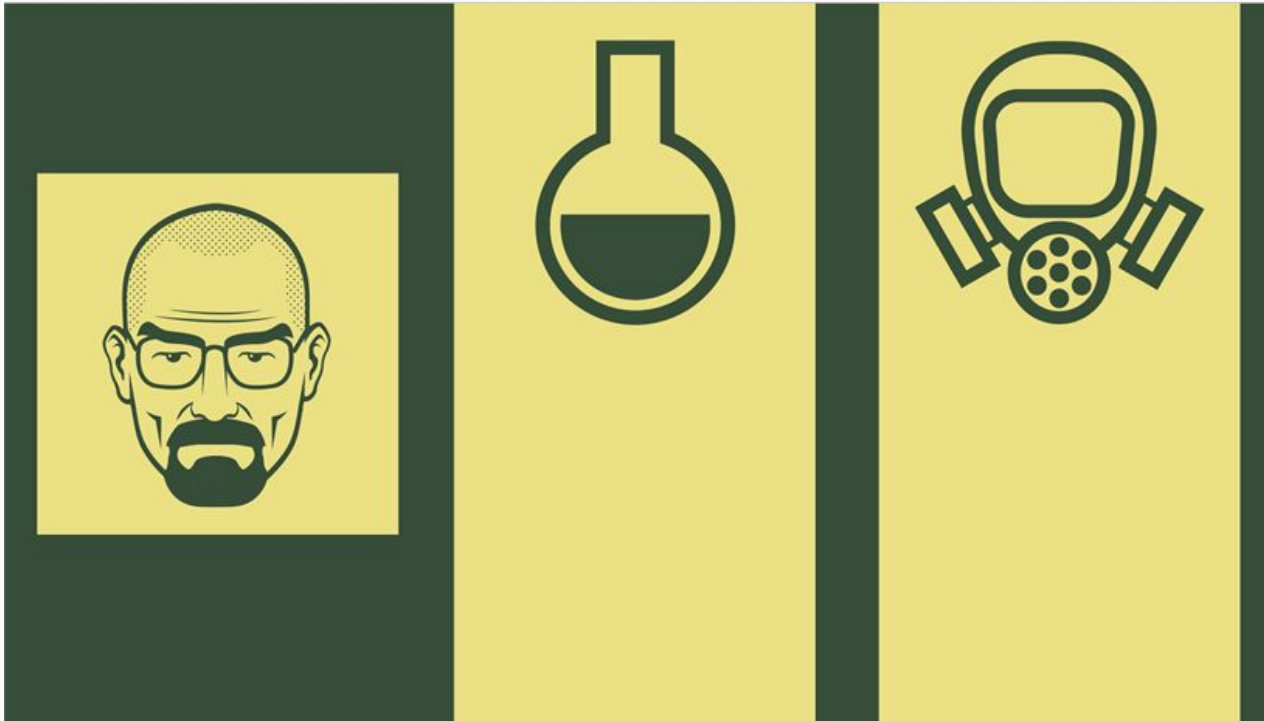
```
.walt{align-self: flex-start;}
```



```
.walt{align-self: flex-end;}
```



```
.walt{align-self: center;}
```





¡¡¡¡ A practicar !!!!  
MAQUETACIÓN CON FLEXBOX, ¡YEA!



# Gracias!



## ¿Consultas?

Recuerden: [javier@digitalhouse.com](mailto:javier@digitalhouse.com) || [@jap\\_solo](https://twitter.com/jap_solo)