**FlexBox** (<https://github.com/ccsw-csd/kata-flexbox> - <https://ccsw-csd.github.io/kata-flexbox/#es>)

Se llama Flex porque tenemos un contenedor, llamado contenedor Flex, que es el elemento que contiene la propiedad *display: flex*.

Desde ese contenedor vamos a poder especificar la alineación de los elementos que hay dentro, el tamaño de los elementos que contienen y distribuir el espacio restante que hay entre los elementos del contenedor Flex, y todo esto en una sola dirección, ya sea una horizontal o vertical. Es decir, podemos distribuir los elementos que contiene la etiqueta sin poner nada dentro de estos elementos.

¿Qué podemos hacer con Flexbox?

* Diseños flexibles con menos código.
* Alinear los elementos de manera vertical y horizontal.
* Reordenar contenido sin tocar el HTML.

·Guía completa de Flexbox: <https://css-tricks.com/snippets/css/a-guide-to-flexbox/>

·Guía de Flexbox: <https://platzi.com/blog/flexbox-explicado-con-manzanitas/>

·Grid y Flexbox: <https://webdesign.tutsplus.com/es/articles/flexbox-vs-css-grid-which-should-you-use--cms-30184>

* Flexbox 1D
* Grid 2D

**#1 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content)**)**

#pond {

display: flex;

justify-content: flex-end;

}

**#2 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content)**)**

#pond {

display: flex;

justify-content: center;

}

**#3 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content)**)**

#pond {

display: flex;

justify-content: space-around;

}

**#4 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content)**)**

#pond {

display: flex;

justify-content: space-between;

}

**#5 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-items**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-items)**)**

#pond {

display: flex;

align-items: flex-end;

}

**#6 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content) **-** [**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-items**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-items)**)**

#pond {

display: flex;

align-items: center;

justify-content: center;

}

**#7 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content) **-** [**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-items**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-items)**)**

#pond {

display: flex;

align-items: flex-end;

justify-content: space-around;

}

**#8 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction)**)**

#pond {

display: flex;

flex-direction: row-reverse;

}

**#9 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction)**)**

#pond {

display: flex;

flex-direction: column;

}

**#10 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction) **-** [**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content)**)**

#pond {

display: flex;

flex-direction: row-reverse;

justify-content: flex-end;

}

**#11 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction) **-** [**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content)**)**

#pond {

display: flex;

flex-direction: column;

justify-content: flex-end;

}

**#12 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction) **-** [**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content)**)**

#pond {

display: flex;

flex-direction: column-reverse;

justify-content: space-between;

}

**#13 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction) **-** [**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content) **-** [**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-items**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-items)**)**

#pond {

display: flex;

flex-direction: row-reverse;

align-items: flex-end;

justify-content: center;

}

**#14 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-order**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-order)**)**

#pond {

display: flex;

}

.yellow {

order: 1;

}

**#15 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-order**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-order)**)**

#pond {

display: flex;

}

.red {

order: -1;

}

**#16 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-self**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-self)**)**

#pond {

display: flex;

align-items: flex-start;

}

.yellow {

align-self: flex-end;

}

**#17 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-self**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-self) **-** [**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-order**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-order)**)**

#pond {

display: flex;

align-items: flex-start;

}

.yellow {

align-self: flex-end;

order: 1

}

**#18 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-wrap**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-wrap)**)**

#pond {

display: flex;

flex-wrap: wrap;

}

**#19 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-wrap**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-wrap) **-** [**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction)**)**

#pond {

display: flex;

flex-direction: column;

flex-wrap: wrap;

}

**#20 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-flow**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-flow)**)**

#pond {

display: flex;

flex-flow: column wrap;

}

**#21 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-content)**)**

#pond {

display: flex;

flex-wrap: wrap;

align-content: flex-start;

}

**#22 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-content)**)**

#pond {

display: flex;

flex-wrap: wrap;

align-content: flex-end;

}

**#23 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-content) **-** [**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction)**)**

#pond {

display: flex;

flex-wrap: wrap;

flex-direction: column-reverse;

align-content: center;

}

**#24 (**[**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-align-content) **-** [**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-direction) **-** [**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-wrap**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-flex-wrap) **-** [**https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content**](https://css-tricks.com/snippets/css/a-guide-to-flexbox/#aa-justify-content)**)**

#pond {

display: flex;

flex-direction: column-reverse;

flex-wrap: wrap-reverse;

align-content: space-between;

justify-content: center;

}