Programación Web

2022

CSS

```
● ● ●                    Selector
                     ╱
 .clase {
   background-color: darkblue;
   border: 1px solid red;
 }
         ╲              ╲
          Propiedad      Valor
```

```
● ● ●

.clase {
  background-color: darkblue;
  background-color: orange;
}
```

```
● ● ●

.clase {
  font-size: 2rem;
  /*color: white;*/
}
```

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CSS: Estilos en el head o inline

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <style>
        div {
            background-color: tomato;
        }
    </style>
    <title>Hola</title>
</head>
<body>
    <div style="background-color: gold;">
        Clase de programación web
    </div>
</body>
</html>
```

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CSS: Estilos en el head o inline

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <style>
        div {
            background-color: tomato !important;
        }
    </style>
    <title>Hola</title>
</head>
<body>
    <div style="background-color: gold;">
        Clase de programación web
    </div>
</body>
</html>
```
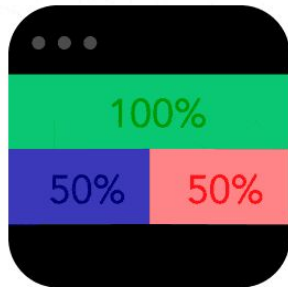
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CSS: Unidades de medida

Absolute length

Units	Full Form	Font-size
px	pixel	font-size: 16px
pt	point	font-size: 12pt
pc	pica	font-size: 1pc
in	inches	font-size: 1in
cm	centimeter	font-size: 1cm
mm	millimeter	font-size: 10mm
q	quarter	font-size: 16q

Relative Length

Units	Definition
em	Relative to the font-size of the current element
ex	Relative to the font's x-height
%	Relative to the enclosing parent element in percent
ch	Relative to the width of the digit "0"
rem	Relative to the font-size of the root element
vw	Relative to 1% of the width of the viewport
vh	Relative to 1% of the height of the viewport
vmin	Relative to 1% of the viewport (smaller between vw & vh)
vmax	Relative to 1% of the viewport (bigger between vw & vh)

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CSS: Unidades relativas vs estáticas *
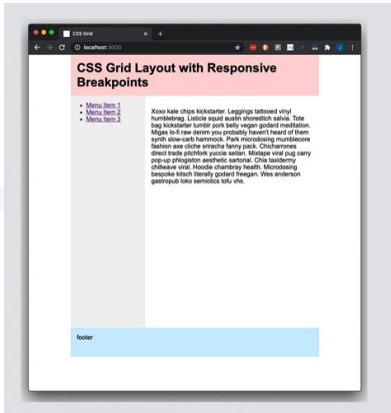
CSS: Responsivo vs Adaptativo ⋆

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CSS: Breakpoints

```css
/* Extra small devices (phones, 600px and down) */
@media only screen and (max-width: 600px) { ... }

/* Small devices (portrait tablets and large phones, 600px and up) */
@media only screen and (min-width: 600px) { ... }

/* Medium devices (landscape tablets, 768px and up) */
@media only screen and (min-width: 768px) { ... }

/* Large devices (laptops/desktops, 992px and up) */
@media only screen and (min-width: 992px) { ... }

/* Extra large devices (large laptops and desktops, 1200px and up) */
@media only screen and (min-width: 1200px) { ... }
```

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CSS: Ejemplo breakpoints *

With Breakpoints

Without Breakpoints
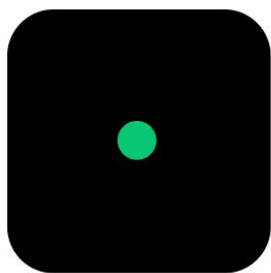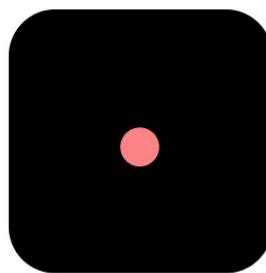
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CSS: Ejemplo valores máximos ⋆

CSS: Imágenes vectoriales ⋆

CSS: Modelo de caja

margin   -

border   -

padding   -

\-   \-   \-   0×0   \-   \-   \-

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Mobile first

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