

# CSS & CSS Preprocessors

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# CSS - Que es?



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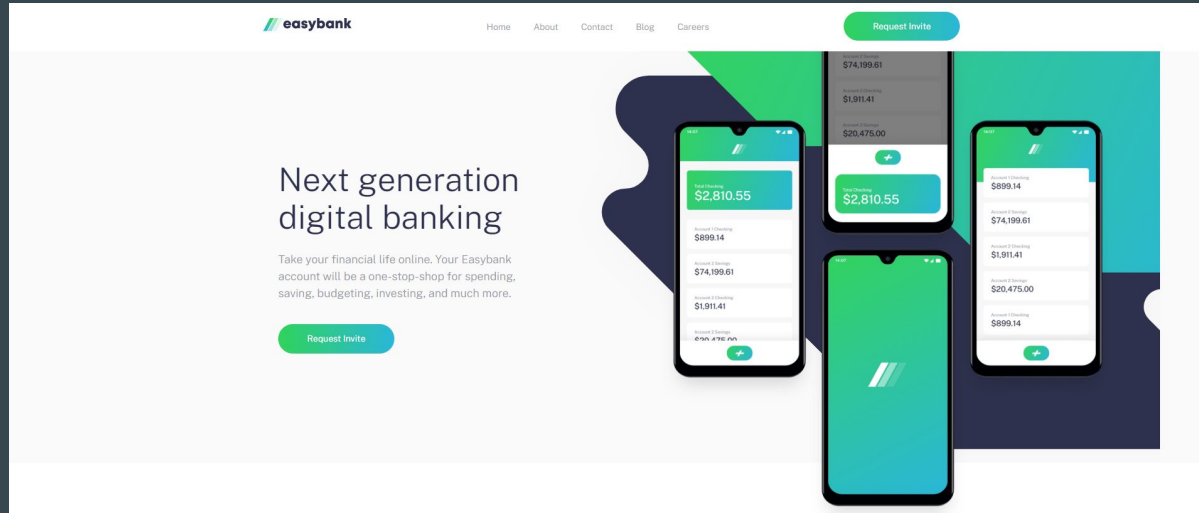
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## Next generation digital banking

Take your financial life online. Your Easybank account will be a one-stop-shop for spending, saving, budgeting, investing, and much more.

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# CSS - Que es?



## CSS - Características relevantes

**To Do List**

# CSS - Características relevantes

```
<h1>To Do List</h1>
```

```
h1 {  
  text-align: center;  
  font-size: 3.5rem;  
  justify-content: center;  
  font-family: 'Poppins', sans-serif;  
  color: white;  
}
```

# CSS - Características relevantes

TO DO LIST

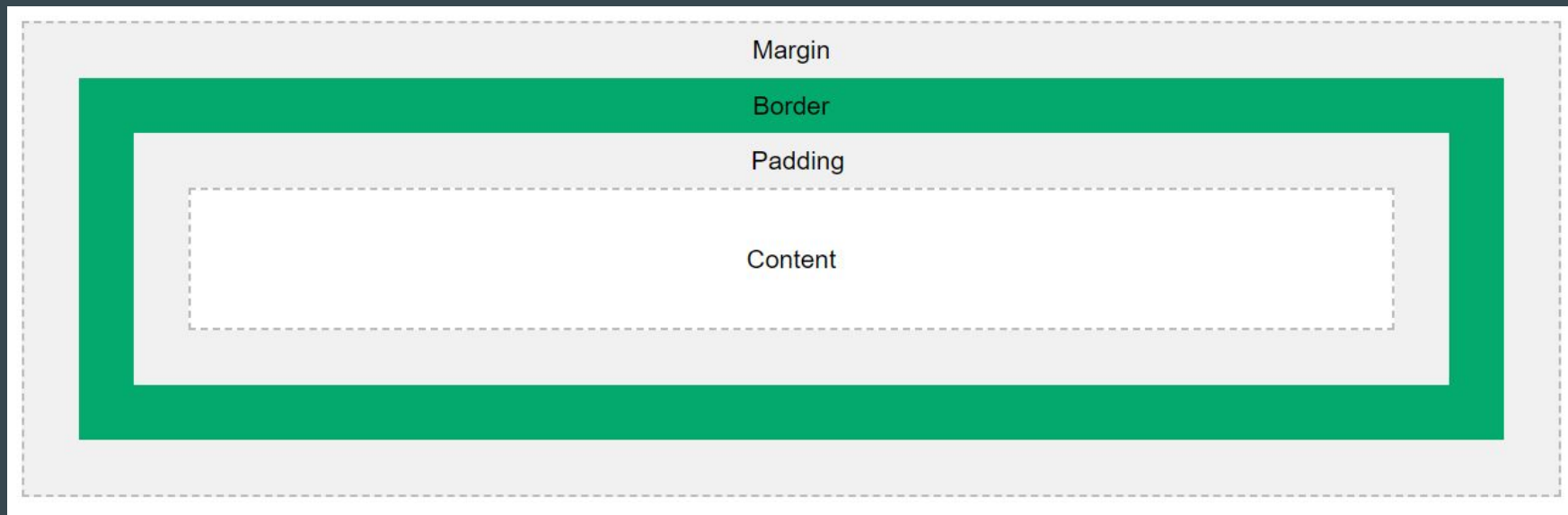
# CSS - Características relevantes

```
<div class = "title">TO DO LIST</div>
```

```
.title{  
    text-align: center;  
    font-family: 'proxima-nova', sans-serif;  
    font-size: 2em;  
    padding: 0.5em;  
    display: block;  
}
```



# CSS - Características relevantes



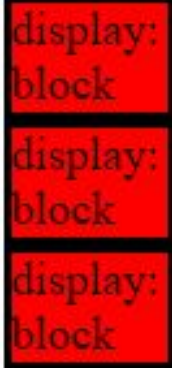
# CSS - Características relevantes

`display: block`

display:  
block

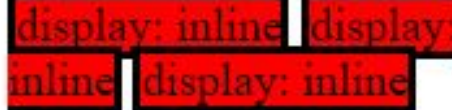
display:  
block

display:  
block



`display: inline`

display: inline display:  
inline display: inline



`display: inline-block`

display: inline-block display: inline-block display:  
inline-block inline-block inline-block



# CSS - Ventajas y desventajas

## VENTAJAS

- Facilita desarrollo página web
- Separar estructura y diseño
- Reduce cantidad de líneas

## DESVENTAJAS

- Incompatibilidad entre navegadores.
- Incompatibilidad con navegadores.

# CSS - Evolución histórica

- CSS1 - 1996 {
  - ❖ Modificaciones básicas del tipo de letra y espaciado
  - ❖ Márgenes, padding y borders
  - ❖ Alineamiento y posicionamiento de texto}
- CSS2 - 1998 {
  - ❖ Extensiones de navegador
  - ❖ Propiedad display
  - ❖ Soporte para diferentes tipos de archivos}
- CSS3 - Versión actual {
  - ❖ Modularización
  - ❖ Soporte en casi todos los navegadores
  - ❖ Nuevos selectores, propiedades y animaciones}

# CSS preprocessor - Que es?

## Next generation digital banking

Take your financial life online. Your Easybank account will be a one-stop-shop for spending, saving, budgeting, investing, and much more.

# CSS preprocessor - Que es?

```
<section class="hero">
  <div class="container">
    <div class="hero_image"></div>
    <div class="hero_text container-pall">
      <h1>Next generation digital banking</h1>
      <p>
        Take your financial life online. Your
        Easybank account will be a
        one-stop-shop for spending, saving,
        budgeting, investing, and much more.
      </p>
    </div>
  </div>
</section>
```

```
.hero {
  &_text {
    text-align: center;
    h1 {
      font-weight: 300;
      font-size: 2.31rem;
      line-height: 1.15;
      color: $darkBlue;
      margin-bottom: 1.5rem;
    }
    p {
      line-height: 1.5;
      margin-bottom: 2.25rem;
    }
  }
}
```

# CSS preprocessor - Características relevantes

- Variables

```
$yourcolor: #000056;  
.yourDiv {  
    color: $yourcolor;  
}
```

- Bucles

```
@for $vfoo 35px to 85px {  
    .margin-#{vfoo} {  
        margin: $vfoo 10px;  
    }  
}
```

- Declaraciones if/else

```
@if width(body) > 500px {  
    background-color: blue;  
} else {  
    background-color: white;  
}
```

# CSS preprocessor - Ejemplo (SASS)

```
// Colors
```

```
$darkBlue: hsl(233, 26%, 24%);
```

```
$limeGreen: hsl(136, 65%, 51%);
```

```
$brightCyan: hsl(192, 70%, 51%);
```

```
$grayishBlue: hsl(233, 8%, 62%);
```

```
$lightGrayishBlue: hsl(220, 16%, 96%);
```

```
$veryLightGray: hsl(0, 0%, 98%);
```

```
$white: hsl(0, 0%, 100%);
```

```
// Font sizes
```

```
$font-small: 0.875rem;
```

```
$font-med: 1.125rem;
```

```
$font-large: 1.25rem;
```

```
$font-xlarge: 3.25rem;
```



# CSS preprocessor - Ventajas y desventajas

## VENTAJAS

- Código más fácil de mantener
- Evitar repetición de código
- Más rápido programar.

## DESVENTAJAS


- Compilación más larga
- Debugar código puede ser más complejo
- Perdemos control sobre el archivo final


# CSS preprocessor - Evolución histórica

The logo for Sass (Syntactically Awesome Style Sheets) is written in a vibrant pink, elegant cursive script.The logo for Less (Less than CSS) features the word "less" in a white, bold, sans-serif font, enclosed within a dark blue rectangular box with white curly braces on the left and right sides.The logo for Stylus is rendered in a grey, cursive script, with a single, flowing green line that forms a stylized "y" or "l" shape, intersecting the text.

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# DRAGONSTEEL 2022

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## STATE OF THE SANDERSON

Every December Brandon updates readers on the state of each of his projects.

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## NEW TO BRANDON'S WORK?

Never heard of this Sanderson guy before all this buzz about his kickstarter?

[READ THE LATEST >](#)

## PROGRESS BARS

Wax & Wayne Book 4 (Mistborn 7) Final Draft	100%
Secret Project #2 Final Draft	100%
Stormlight 5 Draft 1.0	16%
Dark One (Novel) - Brandon's Draft	10%

# Bibliografia

## CSS

- [CSS - MDN Web Docs Glossary: Definitions of Web-related terms | MDN \(mozilla.org\)](#)
- [https://www.codingninjas.com/blog/2021/01/07/difference-between-css-css2-css3/](#)
- [https://www.w3.org/Style/CSS20/history.html](#)

## CSS Preprocessors

- [CSS preprocessor - MDN Web Docs Glossary: Definitions of Web-related terms | MDN \(mozilla.org\)](#)
- [CSS Preprocessors Explained \(freecodecamp.org\)](#)
- [https://sherocommerce.com/what-is-a-css-preprocessors-why-use-them/](#)
- [https://adamsilver.io/blog/the-disadvantages-of-css-preprocessors/](#)
- [https://en.wikipedia.org/wiki/Stylus\\_\(stylesheet\\_language\)](#)
- [https://en.wikipedia.org/wiki/Less\\_\(stylesheet\\_language\)](#)
- [https://en.wikipedia.org/wiki/Sass\\_\(stylesheet\\_language\)](#)

# Distribución de tareas

## Texto

- Abdelrahim Chelh El Azzaoui
- Akram Tafzi El Hadji
- Alejandro Lozano Aparicio

## Power Point

- Abdelrahim Chelh El Azzaoui
- Akram Tafzi El Hadji
- Alejandro Lozano Aparicio
- Oriol Portell Pareras

## Presentación

- Oriol Portell Pareras