

Metodologías CSS y SASS



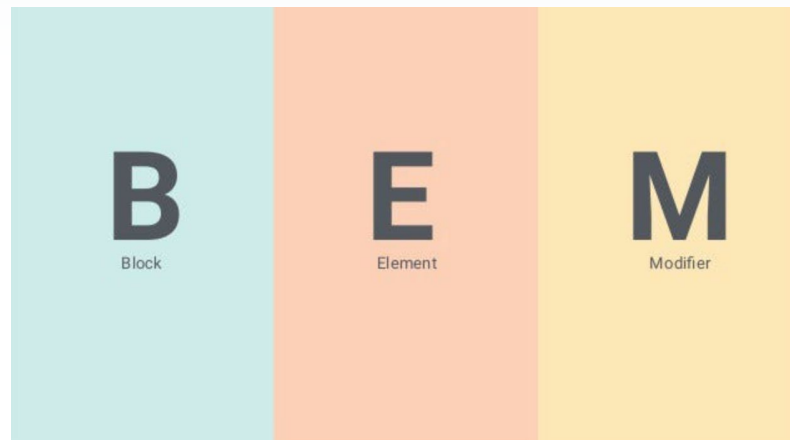


Maquetar, crear una landing, replicar un diseño...

Pensemos en buenas prácticas

```
# OOCSS.css x
1 .sidebar {
2   padding: 2px;
3   left: 0;
4   margin: 3px;
5   position: absolute;
6   width: 140px;
7 }
8
9 .list {
10  margin: 3px;
11 }
12
13 .list-header {
14   font-size: 16px;
15   color: red;
16 }
17
18 .list-body {
19   font-size: 12px;
20   color: #FFF;
21   background-color: red;
22 }
```

OOCSS



Object Oriented CSS

```
.button-white {  
width: 150px;  
height: 50px;  
background: #FFF;  
border-radius: 5px;  
}  
  
.button-black {  
width: 150px;  
height: 50px;  
background: #000;  
border-radius: 5px;  
}
```

```
.button-white {  
background: #FFF;  
}  
  
.button-black {  
background: #000;  
}  
  
|
```

```
.button{  
width: 150px;  
height: 50px;  
border-radius: 5px;  
}
```

► OOCSS

Ventajas

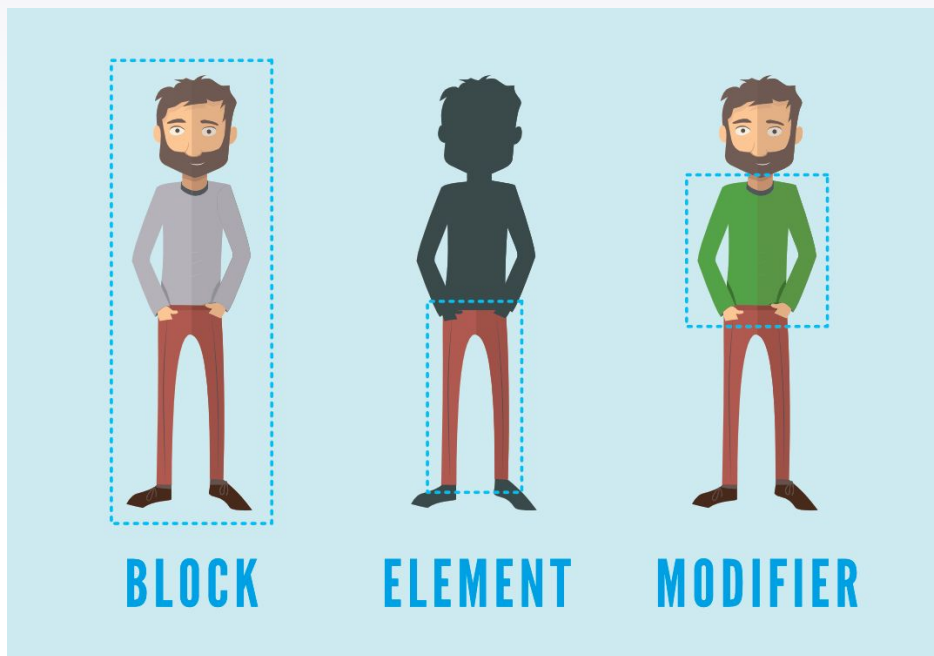
- ▶ Escalabilidad y reusabilidad
- ▶ Legibilidad

Desventajas

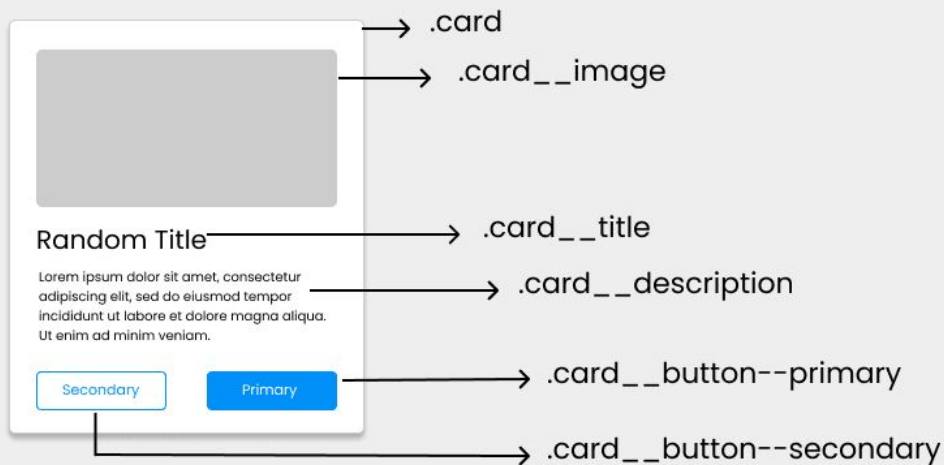
- ▶ Desventajoso en pequeños proyectos
- ▶ Incrementa la cantidad de clases



► Block Element Modifier



Block Element Modifier



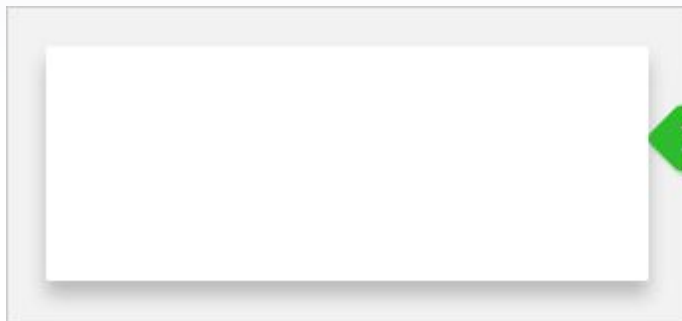
A card component using BEM

```
.card {  
}  
.card__title {  
}  
.card__button--primary {  
}
```

► BEM - Bloque



....



```
Block  
{  
  .product-card {  
    ...  
  }  
}
```



...

BEM - Elemento



....

The diagram illustrates a product card layout with BEM class mappings. The card contains an image of a toilet roll, a title, a price, a description, and a 'LIKE' button. Green arrows point from the BEM class names in the code to the corresponding elements in the card.

```

┌───Block───┐ ┌───Element───┐
|             |             |
| .product-card__image {  |
|   ...                  |
| }                       |
|
┌───Block───┐ ┌───Element───┐
|             |             |
| .product-card__title {  |
|   ...                  |
| }                       |
|
┌───Block───┐ ┌───Element───┐
|             |             |
| .product-card__price {  |
|   ...                  |
| }                       |
|
┌───Block───┐ ┌───Element───┐
|             |             |
| .product-card__like-button {
|   ...
| }

```

SINGLE TOILET ROLL
POPULAR SELLER

£9.99

This is a luxury, quilted, 3-ply toilet roll with aloe vera for the smoothest wipe possible. No animals were harmed in the making or testing of this product. Due to high demand, limited to 2 per order.

LIKE

...

► BEM - Modificador



▶ BEM

Ventajas

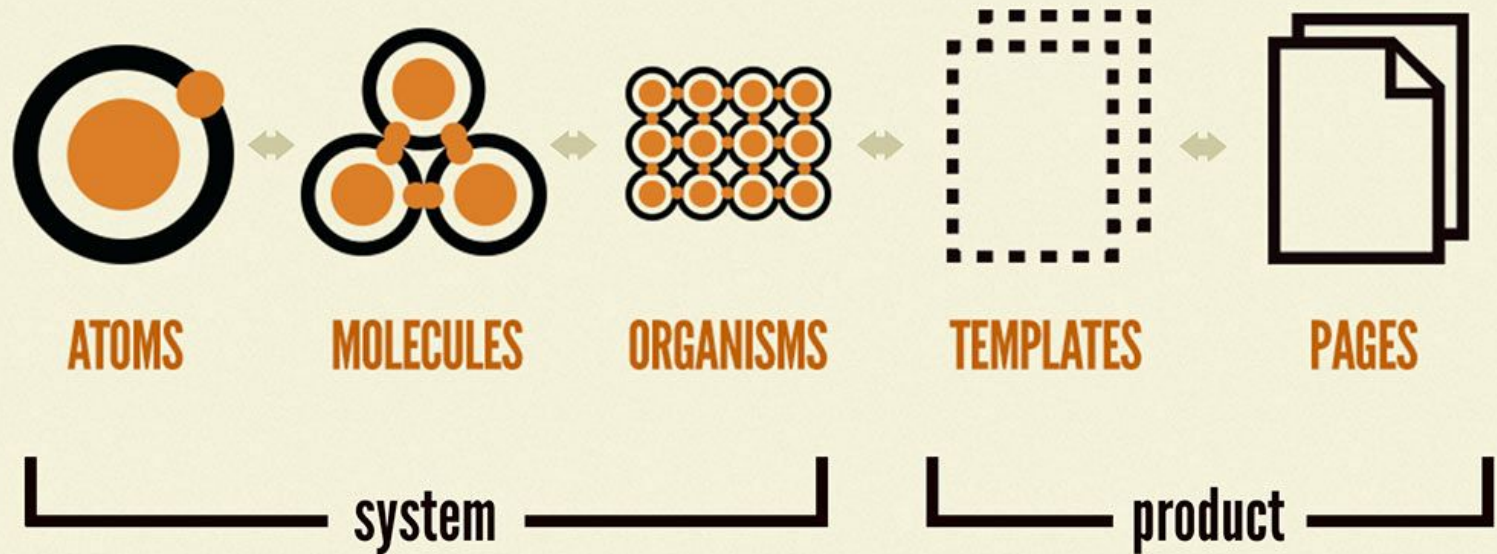
- ▶ Se promueve la modularidad
- ▶ No suele requerir anidamientos
- ▶ Suele ser más sencillo de comprender

Desventajas

- ▶ Verbosidad
- ▶ Curva de aprendizaje



Atomic Design

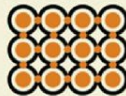




ATOMS



MOLECULES



ORGANISMS



TEMPLATES



PAGES

Instagram



1080 x 1080



X,XXX likes

thisisausersinstagramhandle

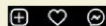
This is a caption

Add a comment...

View all XX comments

5 hours ago

Instagram



thisisausersinstagramhandle

1080 x 1080



X,XXX likes

thisisausersinstagramhandle This is a caption
View all XX comments



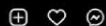
Add a comment...



5 hours ago



Instagram



thisisausersinstagramhandle

1080 x 1080



X,XXX likes

thisisausersinstagramhandle This is a caption
View all XX comments



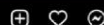
Add a comment...



5 hours ago



Instagram



thisisausersinstagramhandle

1080 x 1080



X,XXX likes

thisisausersinstagramhandle This is a caption
View all XX comments



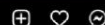
Add a comment...



5 hours ago



Instagram



outkast



9,096 likes

outkast Throwback season 🎵
View all 47 comments



Add a comment...



5 hours ago



SASS

SCSS

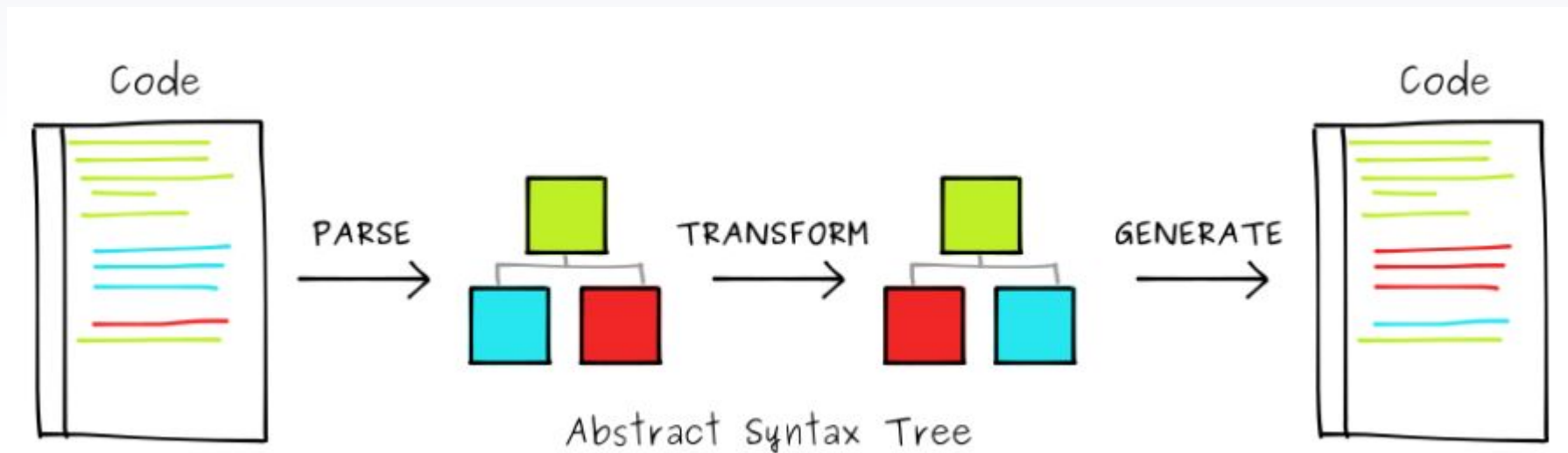
```
section {  
  height: 100px;  
  width: 100px;  
  
  .class-one {  
    height: 50px;  
    width: 50px;  
  
    .button {  
      color: #074e68;  
    }  
  }  
}
```

CSS

```
1 section {  
2   height: 100px;  
3   width: 100px;  
4 }  
5  
6 section .class-one {  
7   height: 50px;  
8   width: 50px;  
9 }  
10  
11 section .class-one .button {  
12   color: #074e68;  
13 }
```



Transpilación



► Compile SASS

Hay diferentes maneras de compilar de SASS a CSS mediante prepros, configurar sass en webpack o extensiones en VS Code.



webpack



Live Sass Compiler

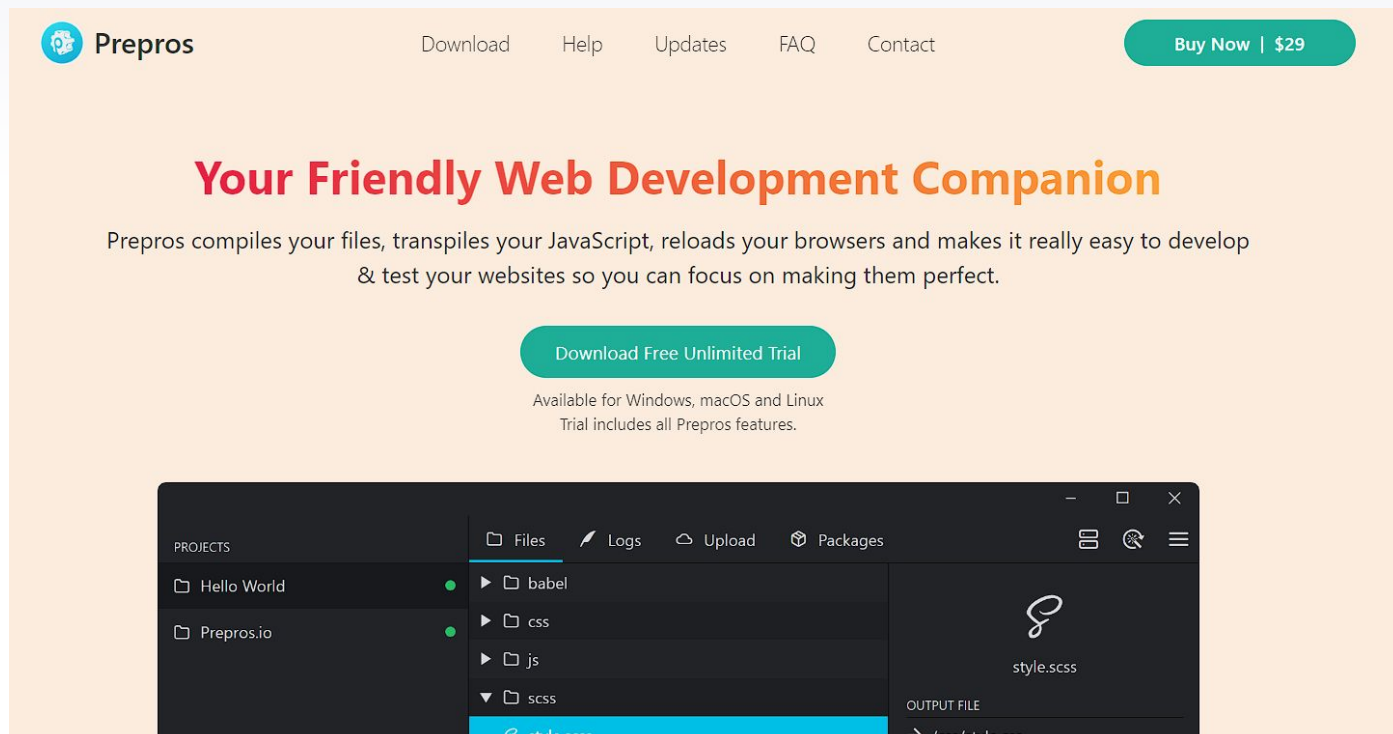
Preview

Ritwick Dey | 📄 711,376 installs | ★★★★★ (127) | Free

Compile Sass or Scss to CSS at realtime with live browser reload.



Prepros



The image shows the Prepros website landing page. At the top, there is a navigation bar with the Prepros logo, links for Download, Help, Updates, FAQ, and Contact, and a 'Buy Now | \$29' button. The main heading is 'Your Friendly Web Development Companion' in a large, bold, orange font. Below this, a paragraph describes Prepros as a tool that compiles files, transpiles JavaScript, reloads browsers, and simplifies development and testing. A prominent green button labeled 'Download Free Unlimited Trial' is centered. Below the button, it states 'Available for Windows, macOS and Linux' and 'Trial includes all Prepros features.' At the bottom, a screenshot of the Prepros application interface is shown, featuring a dark theme with a sidebar for projects, a file explorer, and a code editor.

Prepros Download Help Updates FAQ Contact [Buy Now | \\$29](#)

Your Friendly Web Development Companion

Prepros compiles your files, transpiles your JavaScript, reloads your browsers and makes it really easy to develop & test your websites so you can focus on making them perfect.

[Download Free Unlimited Trial](#)

Available for Windows, macOS and Linux
Trial includes all Prepros features.

PROJECTS

- ▢ Hello World
- ▢ Prepros.io

Files Logs Upload Packages

- babel
- css
- js
- ▾ scss

style.scss

OUTPUT FILE

[Download](#)

En que casos...
...es útil?



Design system

TYPOGRAPHY

Headline 1

H1 48/60px

Headline 2

H2 34/50px

Headline 3

H3 28/38px

Headline 4

H4 18/22px

Paragraph

P 14/24px

COLOR



Primary
#F34E4E



Secondary
#FFF6EA



Action
#7BB9FA



Grey
#D0D0D0



Black
#282828

SPACING

5px XS

10px S

15px M

25px L

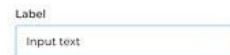
40px XL

65px XXL

BUTTONS



FORMS



TABS



Info

<https://www.linkedin.com/pulse/future-sass-modern-css-embracing-change-2024-ademola-sofolahan-6zrue/>

<https://dev.to/ladunjexa/mastering-object-oriented-css-oocss-3b5h>

<https://getbem.com/>

<https://prepros.io/>

<https://dev.to/amatisse/unleashing-the-power-of-scss-tips-and-tricks-for-efficient-styling-3lii>

<https://www.sassmeister.com/>