# **Taildwind**

# **Fundamentos**

* [¿Qué es?](https://bluuweb.github.io/tailwindcss/01-fundamentos/#%C2%BFque-es)
* [Instalación](https://bluuweb.github.io/tailwindcss/01-fundamentos/#instalacion)
* [Vista rápida](https://bluuweb.github.io/tailwindcss/01-fundamentos/#vista-rapida)
* [Puntos de quiebre](https://bluuweb.github.io/tailwindcss/01-fundamentos/#puntos-de-quiebre)
* [Preflight](https://bluuweb.github.io/tailwindcss/01-fundamentos/#preflight)
* [Container](https://bluuweb.github.io/tailwindcss/01-fundamentos/#container)
* [Padding & Margin](https://bluuweb.github.io/tailwindcss/01-fundamentos/#padding-margin)
* [Fuentes](https://bluuweb.github.io/tailwindcss/01-fundamentos/#fuentes)
* [Background Color](https://bluuweb.github.io/tailwindcss/01-fundamentos/#background-color)
* [Border Radius](https://bluuweb.github.io/tailwindcss/01-fundamentos/#border-radius)
* [Width](https://bluuweb.github.io/tailwindcss/01-fundamentos/#width)
* [Box Shadow](https://bluuweb.github.io/tailwindcss/01-fundamentos/#box-shadow)
* [Práctica](https://bluuweb.github.io/tailwindcss/01-fundamentos/#practica)

Tailwind CSS es un Framework de CSS que principalmente brinda clases útiles para nuestros desarrollos web. En simples palabras cuenta con un conjuto de clases que nosotros podemos aprovechar en nuestros desarrollos web.

<https://tailwindcss.com/>

* La idea es poder hacer sitios web personalizados y que no queden como Bootstrap. Ya que dicen que cuando diseñamos por ejemplo con Bootstrap al contar con todos sus componentes, la gran mayoría de los sitios web quedan idénticos.
* Con Tailwind CSS podemos utilizar sus clases y crear diseños únicos.
* Nos permite hacer sitio web responsives.
* En mi opinión nos obliga a utilizar más nuestro cerebro 🏋, ya que si bien tiene todas las clases configuradas nosotros tenemos que contar con mayor conocimiento de CSS para diseñar nuestro sitio web.
* Tailwind está escrito en PostCSS y configurado en JavaScript, lo que significa que tienes todo el poder de un lenguaje de programación real a tu alcance.

## **Instalación**

Existen varias alternativas pero por ahora no lo vamos a personalizar, necesito que entendamos como funciona Tailwind y posteriormente en clases más avanzadas comenzaremos con su personalización.

<https://tailwindcss.com/docs/installation#using-tailwind-via-cdn>

<link href="https://unpkg.com/tailwindcss@^1.0/dist/tailwind.min.css" rel="stylesheet">

Desventajas de este método

* No puedes personalizar el tema predeterminado de Tailwind.
* No se puede utilizar cualquier directivas como @apply, @variants, etc.
* No puede habilitar funciones como group-hover
* No puedes instalar complementos de terceros

Para aprovechar al máximo Tailwind, realmente debería instalarlo a través de npm

## **Vista rápida**

<https://tailwindcss.com/docs/utility-first>

<!DOCTYPE html>

<html lang="es">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

<link href="https://unpkg.com/tailwindcss@^1.0/dist/tailwind.min.css" rel="stylesheet">

</head>

<body>

<div class="max-w-sm mx-auto flex p-6 bg-white rounded-lg shadow-xl mt-3 border">

<div class="flex-shrink-0">

<img class="h-12 w-12"

src="https://images.vexels.com/media/users/3/139911/isolated/preview/1afb4038427b2bd8edd275940aea269d-icono-de-servicio-de-chat-by-vexels.png"

alt="ChitChat Logo">

</div>

<div class="ml-6 pt-1">

<h4 class="text-xl text-gray-900 leading-tight">ChitChat</h4>

<p class="text-base text-gray-600 leading-normal">

You have a new message!</p>

</div>

</div>

</body>

</html>

Para hacer la cosas más simples vamos a diseñar un botón:

<div class="container mx-auto mt-5">

<button class='bg-blue-500 text-white font-bold py-2 px-4 rounded hover:bg-blue-700'>

Botón con Tail

</button>

</div>

## **Puntos de quiebre**

<https://tailwindcss.com/docs/responsive-design>

/\* Small (sm) \*/

@media (min-width: 640px) { /\* ... \*/ }

/\* Medium (md) \*/

@media (min-width: 768px) { /\* ... \*/ }

/\* Large (lg) \*/

@media (min-width: 1024px) { /\* ... \*/ }

/\* Extra Large (xl) \*/

@media (min-width: 1280px) { /\* ... \*/ }

Ejemplo: <https://tailwindcss.com/docs/responsive-design#mobile-first>

<div class="mx-10 mt-5">

<div class="bg-red-500 sm:bg-green-500 md:bg-blue-500 lg:bg-pink-500 xl:bg-teal-500 h-12 w-12">

</div>

</div>

## **Herencia**

En el siguiente ejemplo: Si no configuramos un color se hereda el del menor tamaño, por ejemplo si no configuramos sm se hereda el color del tamaño más pequeño configurado (text-blue-500), así si no configuramos xl se configurará con el color del md (md:text-red-500)

<div class="mx-10 mt-5">

<h1 class="text-blue-500 md:text-red-500">Título</h1>

</div>

## **Preflight**

<https://tailwindcss.com/docs/preflight>

Construido sobre normalize.css, Preflight es un conjunto de estilos base para proyectos de Tailwind que están diseñados para suavizar las inconsistencias entre navegadores y facilitarle el trabajo dentro de las limitaciones de su sistema de diseño.

* Preflight elimina todos los márgenes predeterminados de elementos como encabezados, comillas, párrafos, etc.
* Todos los elementos de encabezado están completamente sin estilo por defecto y tienen el mismo tamaño de fuente y peso de fuente que el texto normal.
* Las listas ordenadas y no ordenadas están sin estilo por defecto, sin viñetas / números y sin margen o relleno.
* Imágenes y otros elementos sustituidos (como svg, video, canvas, y otros) son display: block de forma predeterminada.
* Si alguna vez necesita hacer uno de estos elementos en inlinelugar de block, simplemente use la inline.

Probemos los encabezados:

<h1>Esto es un H1</h1>

<h2>Esto es un H2</h2>

<h3>Esto es un H3</h3>

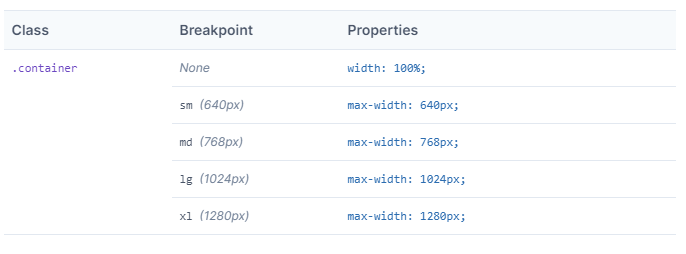
<h4>Esto es un H4</h4>

<h5>Esto es un H5</h5>

<h6>Esto es un H6</h6>

## **Container**

<https://tailwindcss.com/docs/container>

Ancho de nuestro documento. 

Para centrar un contenedor utilizamos **mx-auto**

<div class="container mx-auto">

<!-- ... -->

</div>

## **Padding & Margin**

<https://tailwindcss.com/docs/padding>

<https://tailwindcss.com/docs/margin>

<div class="mt-5 border mx-5 p-10">

<p>

Lorem ipsum dolor sit amet consectetur adipisicing elit. Recusandae, minima cupiditate iusto nobis dolores distinctio exercitationem, incidunt animi magni illum est. Eaque excepturi sapiente libero quisquam aliquid?

Vel, accusantium repudiandae?

</p>

</div>

## **Fuentes**

<https://tailwindcss.com/docs/font-size>

<h1 class="text-6xl">Esto es un H1</h1>

<h2 class="text-5xl">Esto es un H2</h2>

<h3 class="text-4xl">Esto es un H3</h3>

<h4 class="text-3xl">Esto es un H4</h4>

<h5 class="text-2xl">Esto es un H5</h5>

<h6 class="text-xl">Esto es un H6</h6>

<https://tailwindcss.com/docs/text-color>

<h1 class="text-6xl text-orange-400">Esto es un H1</h1>

<h2 class="text-5xl text-green-500">Esto es un H2</h2>

<h3 class="text-4xl text-blue-700">Esto es un H3</h3>

<h4 class="text-3xl text-purple-500">Esto es un H4</h4>

<h5 class="text-2xl text-pink-500">Esto es un H5</h5>

<h6 class="text-xl text-red-700">Esto es un H6</h6>

<https://tailwindcss.com/docs/text-align>

<h3 class="text-4xl text-blue-700 uppercase">Esto es un H3</h3>

<h4 class="text-3xl text-purple-500 lowercase">Esto es un H4</h4>

<h5 class="text-2xl text-pink-500 capitalize">Esto es un H5</h5>

<h6 class="text-xl text-red-700 normal-case">Esto es un H6</h6>

## **Background Color**

<https://tailwindcss.com/docs/background-color>

<h1 class="bg-red-900 text-6xl text-white text-center">Esto es un H1</h1>

## **Border Radius**

<https://tailwindcss.com/docs/border-radius>

<h1 class="rounded-lg text-6xl text-white text-center bg-red-900 mx-5">Esto es un H1</h1>

## **Width**

<https://tailwindcss.com/docs/width>

<h1 class="w-3/5 text-6xl text-white text-center bg-red-900 rounded-lg mx-5">Esto es un H1</h1>

## **Box Shadow**

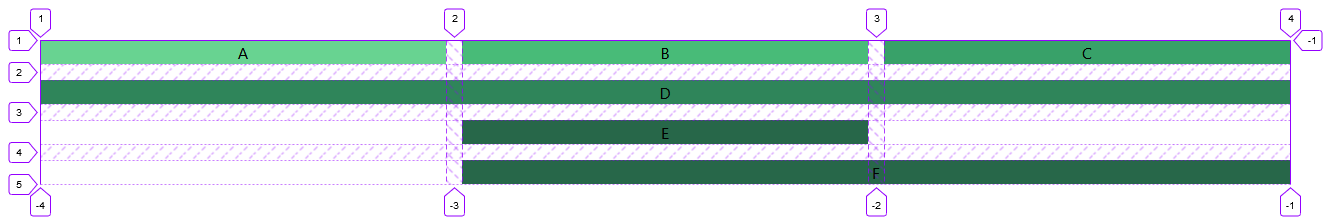
<https://tailwindcss.com/docs/box-shadow>

<h1 class="shadow text-6xl text-center mx-5 w-3/5">Esto es un H1</h1>

# [**Grid**](https://bluuweb.github.io/tailwindcss/02-grid/)

* [Grid Template Columns](https://bluuweb.github.io/tailwindcss/02-grid/#grid-template-columns)
* [Gap](https://bluuweb.github.io/tailwindcss/02-grid/#gap)
* [Grid Responsive](https://bluuweb.github.io/tailwindcss/02-grid/#grid-responsive)
* [Grid Column Start / End](https://bluuweb.github.io/tailwindcss/02-grid/#grid-column-start-end)
* [Grid Template Rows](https://bluuweb.github.io/tailwindcss/02-grid/#grid-template-rows)
* [Grid Row Start / End](https://bluuweb.github.io/tailwindcss/02-grid/#grid-row-start-end)
* [Práctica](https://bluuweb.github.io/tailwindcss/02-grid/#practica)

[ttps://tailwindcss.com/docs/grid-template-columns](https://tailwindcss.com/docs/grid-template-columns)



## **Grid Template Columns**

<https://tailwindcss.com/docs/grid-template-columns>

<div class="grid grid-cols-3">

<div class="bg-green-400">A</div>

<div class="bg-green-500">B</div>

<div class="bg-green-600">C</div>

<div class="bg-green-700">D</div>

<div class="bg-green-800">E</div>

<div class="bg-green-900">F</div>

</div>

## **Gap**

<https://tailwindcss.com/docs/gap>

<div class="grid grid-cols-3 gap-4 my-4">

<div class="bg-green-400">A</div>

<div class="bg-green-500">B</div>

<div class="bg-green-600">C</div>

<div class="bg-green-700">D</div>

<div class="bg-green-800">E</div>

<div class="bg-green-900">F</div>

</div>

## **Grid Responsive**

<body class="container mx-auto mt-5 text-center">

<div class="grid grid-cols-1 sm:grid-cols-2 md:grid-cols-4 gap-2">

<div class="bg-pink-400">A</div>

<div class="bg-pink-400">A</div>

<div class="bg-pink-400">A</div>

<div class="bg-pink-400">A</div>

</div>

</body>

## **Grid Column Start / End**

<https://tailwindcss.com/docs/grid-column>

<body class="container mx-auto mt-5 text-center">

<!-- 12 columnas -->

<div class="grid grid-cols-12 gap-2 my-2">

<div class="bg-pink-400">A</div>

<div class="bg-pink-400">A</div>

<div class="bg-pink-400">A</div>

<div class="bg-pink-400">A</div>

<div class="bg-pink-400">A</div>

<div class="bg-pink-400">A</div>

<div class="bg-pink-400">A</div>

<div class="bg-pink-400">A</div>

<div class="bg-pink-400">A</div>

<div class="bg-pink-400">A</div>

<div class="bg-pink-400">A</div>

<div class="bg-pink-400">A</div>

</div>

<!-- parecido a bootstrap 4 -->

<div class="grid grid-cols-12 gap-2 my-2">

<div class="bg-pink-800 col-span-3">A</div>

<div class="bg-pink-800 col-span-3">A</div>

<div class="bg-pink-800 col-span-3">A</div>

<div class="bg-pink-800 col-span-3">A</div>

</div>

<!-- ejemplo col-span -->

<div class="grid grid-cols-3 gap-2 my-2">

<div class="bg-blue-500 col-span-3">A</div>

<div class="bg-blue-500 col-span-2">A</div>

<div class="bg-blue-500 col-span-1">A</div>

<div class="bg-blue-500 col-span-3">A</div>

</div>

<!-- ejemplo col-start -->

<div class="grid grid-cols-3 gap-2 my-2">

<div class="bg-green-500 col-start-1 col-span-1">A</div>

<div class="bg-green-500 col-start-1 col-span-3">B</div>

<div class="bg-green-500 col-span-1">A</div>

<div class="bg-green-500 col-span-3">A</div>

</div>

<!-- ejemplo col-end -->

<div class="grid grid-cols-3 gap-2 my-2">

<div class="bg-orange-500 col-end-4 col-span-1">A</div>

<div class="bg-orange-500 col-start-1 col-span-3">B</div>

<div class="bg-orange-500 col-span-1">A</div>

<div class="bg-orange-500 col-span-3">A</div>

</div>

</body>

## **Grid Template Rows**

<https://tailwindcss.com/docs/grid-template-rows>

<div class="grid grid-rows-3 gap-2">

<div class="bg-orange-400">A</div>

<div class="bg-orange-400">A</div>

<div class="bg-orange-400">A</div>

</div>

## **Grid Row Start / End**

<https://tailwindcss.com/docs/grid-row>

<div class="grid grid-rows-3 grid-cols-3 gap-2">

<div class="bg-orange-400 row-span-3">A</div>

<div class="bg-orange-400 col-span-2">A</div>

<div class="bg-orange-400 col-span-2">A</div>

<div class="bg-orange-400 col-span-2">A</div>

</div>

## **Practica**

<https://coderthemes.com/hyper/saas/index.html>

<div class="grid grid-rows-2 grid-cols-4 gap-2 my-2">

<div class="bg-pink-500 col-span-1">A</div>

<div class="bg-pink-500 col-span-1">A</div>

<div class="bg-pink-500 col-span-2 row-span-2">B</div>

<div class="bg-pink-500 col-span-1">C</div>

<div class="bg-pink-500 col-span-1">C</div>

</div>

<!-- Responsive -->

<div class="grid grid-rows-1 sm:grid-rows-2 grid-cols-1 sm:grid-cols-4 gap-2">

<div class="bg-pink-500 col-span-1">A</div>

<div class="bg-pink-500 col-span-1">A</div>

<div class="bg-pink-500 col-span-1 sm:col-span-2 row-span-1 sm:row-span-2">B</div>

<div class="bg-pink-500 col-span-1">C</div>

<div class="bg-pink-500 col-span-1">C</div>

</div>

# **Flexbox**

* [Flex Direction (Parent)](https://bluuweb.github.io/tailwindcss/04-flexbox/#flex-direction-parent)
* [Flex Wrap](https://bluuweb.github.io/tailwindcss/04-flexbox/#flex-wrap)
* [Justify Content](https://bluuweb.github.io/tailwindcss/04-flexbox/#justify-content)
* [Align Items](https://bluuweb.github.io/tailwindcss/04-flexbox/#align-items)
* [Align Content](https://bluuweb.github.io/tailwindcss/04-flexbox/#align-content)
* [Align Self (Children)](https://bluuweb.github.io/tailwindcss/04-flexbox/#align-self-children)
* [Flex](https://bluuweb.github.io/tailwindcss/04-flexbox/#flex)

<https://tailwindcss.com/docs/flex-direction>

<https://css-tricks.com/snippets/css/a-guide-to-flexbox/>

## Flex Direction (Parent)

.flex-row

.flex-row-reverse

.flex-col

.flex-col-reverse

<!DOCTYPE html>

<html lang="es">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Flexbox</title>

<link href="https://unpkg.com/tailwindcss@^1.0/dist/tailwind.min.css" rel="stylesheet">

</head>

<body class="container mx-auto mt-5 text-center">

<div class="flex">

<div class="text-center bg-orange-500 p-4 m-2">1</div>

<div class="text-center bg-orange-500 p-4 m-2">2</div>

<div class="text-center bg-orange-500 p-4 m-2">3</div>

</div>

</body>

</html

## **Flex Wrap**

<https://tailwindcss.com/docs/flex-wrap>

.flex-no-wrap

.flex-wrap

.flex-wrap-reverse

<div class="flex flex-wrap">

<div class="text-center bg-orange-500 p-4 m-2">1</div>

<div class="text-center bg-orange-500 p-4 m-2">2</div>

<div class="text-center bg-orange-500 p-4 m-2">3</div>

</div>

## **Justify Content**

## <https://tailwindcss.com/docs/justify-content>

.justify-start

.justify-center

.justify-end

.justify-between

.justify-around

<div class="flex justify-between">

<div class="text-center bg-orange-500 p-4 m-2 border-solid border-4 border-gray-900">1</div>

<div class="text-center bg-orange-500 p-4 m-2 border-solid border-4 border-gray-900">2</div>

<div class="text-center bg-orange-500 p-4 m-2 border-solid border-4 border-gray-900">3</div>

</div>

## **Align Items**

## <https://tailwindcss.com/docs/align-items>

.items-stretch

.items-start

.items-center

.items-end

.items-baseline

<div class="flex justify-between h-64 items-center bg-gray-400">

<div class="text-center bg-orange-500 p-4 m-2 border-solid border-4 border-gray-900">1</div>

<div class="text-center bg-orange-500 p-4 m-2 border-solid border-4 border-gray-900">2</div>

<div class="text-center bg-orange-500 p-4 m-2 border-solid border-4 border-gray-900">3</div>

</div>

## **Align Content**

## <https://tailwindcss.com/docs/align-content>

.content-start

.content-center

.content-end

.content-between

.content-around

<div class="h-64 bg-gray-400 flex flex-wrap justify-between content-between">

<div class="text-center bg-orange-500 p-4 m-2 border-solid border-4 border-gray-900">1</div>

<div class="text-center bg-orange-500 p-4 m-2 border-solid border-4 border-gray-900">2</div>

<div class="text-center bg-orange-500 p-4 m-2 border-solid border-4 border-gray-900">3</div>

</div>

## **Align Self (Children)**

## <https://tailwindcss.com/docs/align-self>

.self-auto

.self-start

.self-center

.self-end

.self-stretch

<div class="h-64 bg-gray-400 flex items-start flex-wrap">

<div class="self-end text-center bg-orange-500 p-4 m-2 border-solid border-4 border-gray-900">1</div>

<div class="text-center bg-orange-500 p-4 m-2 border-solid border-4 border-gray-900">2</div>

<div class="text-center bg-orange-500 p-4 m-2 border-solid border-4 border-gray-900">3</div>

</div>

## **Flex**

## <https://tailwindcss.com/docs/flex>

<div class="bg-gray-400 flex">

<div class="text-center bg-orange-500 p-4 m-2">1</div>

<div class="flex-1 text-center bg-orange-500 p-4 m-2 ">2</div>

<div class="text-center bg-orange-500 p-4 m-2">3</div>

</div>

.flex-initial

.flex-1

.flex-auto

.flex-none

# [**Personalización**](https://bluuweb.github.io/tailwindcss/03-personalizar/)

* [Intalación](https://bluuweb.github.io/tailwindcss/03-personalizar/#intalacion)
* [npm tailwind](https://bluuweb.github.io/tailwindcss/03-personalizar/#npm-tailwind)
* [Archivos](https://bluuweb.github.io/tailwindcss/03-personalizar/#archivos)
* [Compilar](https://bluuweb.github.io/tailwindcss/03-personalizar/#compilar)
* [Personalizar](https://bluuweb.github.io/tailwindcss/03-personalizar/#personalizar)
* [Extensión VSC](https://bluuweb.github.io/tailwindcss/03-personalizar/#extension-vsc)
* [Ejemplos:](https://bluuweb.github.io/tailwindcss/03-personalizar/#ejemplos)
* [Extracting classes using @apply](https://bluuweb.github.io/tailwindcss/03-personalizar/#extracting-classes-using-apply)

# <https://tailwindcss.com/docs/installation/>

## **Intalación**

* Tener instalado node.js <https://nodejs.org/es/>

Crear package.json

npm init -y

npm tailwind

npm i tailwindcss

## **Archivos**

Crear un directorio src/estilos.css y en su interior:

@tailwind base;

@tailwind components;

@tailwind utilities;

## **Compilar**

npx tailwindcss build src/estilos.css -o public/output.css

Crear arhivo public/index.html y llamar a los estilos:

<!DOCTYPE html>

<html lang="es">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

<link rel="stylesheet" href="output.css">

</head>

<body>

<h1 class="mt-20">Hola Tailwind</h1>

</body>

</html>

## **Personalizar**

<https://tailwindcss.com/docs/configuration>

[--full](https://tailwindcss.com/docs/configuration#scaffolding-the-entire-default-configuration)

npx tailwindcss init --full

npx tailwindcss init

module.exports = {

purge: [],

theme: {

extend: {},

},

variants: {},

plugins: [],

}

# **Extensión VSC**

<https://marketplace.visualstudio.com/items?itemName=bradlc.vscode-tailwindcss>

* Funciona si existe el archivo tailwind.config.js

Ejemplos:

module.exports = {

purge: [],

theme: {

extend: {

colors: {

danger: '#ff5f40',

info: {

900: '#234e52',

800: '#285e61',

}

},

},

fontFamily: {

rale: ['Raleway'],

},

},

variants: {},

plugins: [],

}

@import url('https://fonts.googleapis.com/css2?family=Raleway:wght@100;400;900&display=swap');

@tailwind base;

@tailwind components;

@tailwind utilities;

<body>

<h1 class="bg-danger text-xl font-rale font-hairline">Hola Tailwind</h1>

<h2 class="bg-info-900 text-white">Hola dos mundo</h2>

</body>

No olvide compilar su código:

npx tailwindcss build src/estilos.css -o public/output.css

# **Extracting classes using @apply**

@import url('https://fonts.googleapis.com/css2?family=Raleway:wght@100;400;900&display=swap');

@tailwind base;

@tailwind components;

@tailwind utilities;

/\* Estamos ocupando una fuente personalizada "Rale" \*/

.btn {

@apply font-rale py-2 px-4 rounded;

}

.btn-blue {

@apply bg-blue-500 text-white;

}

.btn-blue:hover {

@apply bg-blue-700;

}

<!-- Extracting classes using @apply -->

<button class="btn btn-blue">

Button

</button

No olvide compilar su código:

npx tailwindcss build src/estilos.css -o public/output.css

## **Componentes de taildwind**

<https://tailwindcss.com/components/cards>

<https://tailwindcss.com/components>

## **Navigation (Navbar)**

<https://tailwindcss.com/components/navigation>

<nav class="flex items-center justify-between flex-wrap bg-teal-500 p-6">

<div class="flex items-center flex-shrink-0 text-white mr-6">

<svg class="fill-current h-8 w-8 mr-2" width="54" height="54" viewBox="0 0 54 54"

xmlns="http://www.w3.org/2000/svg"><path d="M13.5 22.1c1.8-7.2 6.3-10.8 13.5-10.8 10.8 0 12.15 8.1 17.55 9.45 3.6.9 6.75-.45 9.45-4.05-1.8 7.2-6.3 10.8-13.5 10.8-10.8 0-12.15-8.1-17.55-9.45-3.6-.9-6.75.45-9.45 4.05zM0 38.3c1.8-7.2 6.3-10.8 13.5-10.8 10.8 0 12.15 8.1 17.55 9.45 3.6.9 6.75-.45 9.45-4.05-1.8 7.2-6.3 10.8-13.5 10.8-10.8 0-12.15-8.1-17.55-9.45-3.6-.9-6.75.45-9.45 4.05z"/></svg>

<span class="font-semibold text-xl tracking-tight">Tailwind CSS</span>

</div>

<div class="block lg:hidden">

<button id='boton' class="flex items-center px-3 py-2 border rounded text-teal-200

border-teal-400 hover:text-white hover:border-white">

<svg class="fill-current h-3 w-3" viewBox="0 0 20 20"

xmlns="http://www.w3.org/2000/svg"><title>Menu</title><path d="M0 3h20v2H0V3zm0

6h20v2H0V9zm0 6h20v2H0v-2z"/></svg>

</button>

</div>

<div id='menu' class="w-full block flex-grow lg:flex lg:items-center lg:w-auto">

<div class="text-sm lg:flex-grow">

<a href="#responsive-header" class="block mt-4 lg:inline-block lg:mt-0 text-teal-200

hover:text-white mr-4">

Docs

</a>

<a href="#responsive-header" class="block mt-4 lg:inline-block lg:mt-0 text-teal-200

hover:text-white mr-4">

Examples

</a>

<a href="#responsive-header" class="block mt-4 lg:inline-block lg:mt-0 text-teal-200

hover:text-white">

Blog

</a>

</div>

<div>

<a href="#" class="inline-block text-sm px-4 py-2 leading-none border rounded text-

white border-white hover:border-transparent hover:text-teal-500 hover:bg-white mt-4

lg:mt-0">Download</a>

</div>

</div>

</nav>

const boton = document.querySelector('#boton');

const menu = document.querySelector('#menu');

boton.addEventListener('click', () => {

console.log('click')

menu.classList.toggle('hidden')

})

## [**Animaciones**](https://bluuweb.github.io/tailwindcss/07-animaciones/)

* [Fuentes](https://bluuweb.github.io/tailwindcss/07-animaciones/#fuentes)
* [Animación](https://bluuweb.github.io/tailwindcss/07-animaciones/#animacion)
* [Border hover](https://bluuweb.github.io/tailwindcss/07-animaciones/#border-hover)

Instalación a través de npm

npm init –y

npm i tailwindcss

@tailwind base;

@tailwind components;

@tailwind utilities;

npx tailwindcss build src/estilos.css -o public/output.css

npx tailwindcss init

## **Fuentes**

## <https://fonts.google.com/>

<link href="https://fonts.googleapis.com/css2?family=Raleway:wght@300;500;700&display=swap" rel="stylesheet">

module.exports = {

purge: [],

theme: {

extend: {},

fontFamily: {

'sans': ['Raleway', 'Arial', 'sans-serif'],

}

},

variants: {

},

plugins: [],

}

## **Animación**

## <https://tailwindcss.com/docs/transition-timing-function/>

<a

href="#"

class="

inline-block text-sm px-4 py-2 leading-none

border rounded text-white border-white

hover:border-transparent hover:text-teal-500

hover:bg-white mt-4 lg:mt-0

transition ease-in-outduration-500

">

Download

</a

## **Border hover**

<https://tailwindcss.com/docs/border-width#responsive-and-pseudo-class-variants>

module.exports = {

purge: [],

theme: {

extend: {},

fontFamily: {

'sans': ['Raleway', 'Arial', 'sans-serif'],

}

},

variants: {

borderWidth: ['responsive', 'hover', 'focus'],

},

plugins: [],

}

<div class="text-sm lg:flex-grow">

<a href="#responsive-header"

class="

block mt-4 lg:inline-block lg:mt-0 text-teal-200 hover:text-white mr-4

border-b-2 border-teal-500 hover:border-b-2 hover:border-gray-600

transition ease-in-out duration-500

">

Docs

</a>

<a href="#responsive-header"

class="

block mt-4 lg:inline-block lg:mt-0 text-teal-200 hover:text-white mr-4

border-b-2 border-teal-500 hover:border-b-2 hover:border-gray-600

transition ease-in-out duration-500

">

Examples

</a>

<a href="#responsive-header"

class="

block mt-4 lg:inline-block lg:mt-0 text-teal-200 hover:text-white mr-4

border-b-2 border-teal-500 hover:border-b-2 hover:border-gray-600

transition ease-in-out duration-500

">

Blog

</a>

</div>

**React + Tailwind**

* [App](https://bluuweb.github.io/tailwindcss/06-react/#app)
* [Instalaciones](https://bluuweb.github.io/tailwindcss/06-react/#instalaciones)
* [postCSS](https://bluuweb.github.io/tailwindcss/06-react/#postcss)
* [Tailwind.css](https://bluuweb.github.io/tailwindcss/06-react/#tailwind-css)
* [Package.json](https://bluuweb.github.io/tailwindcss/06-react/#package-json)
* [index.js](https://bluuweb.github.io/tailwindcss/06-react/#index-js)
* [App.jsx](https://bluuweb.github.io/tailwindcss/06-react/#app-jsx)
* [Card](https://bluuweb.github.io/tailwindcss/06-react/#card)

<https://www.smashingmagazine.com/2020/02/tailwindcss-react-project/>

## **App**

npx create-react-app appTailwind

## **Instalaciones**

<https://tailwindcss.com/docs/installation/#3-create-your-tailwind-config-file-optional>

npm install tailwindcss postcss-cli autoprefixer -D

npx tailwindcss init

## **postCSS**

<https://tailwindcss.com/docs/installation/#using-tailwind-with-postcss>

postcss.config.js

module.exports = {

plugins: [

// ...

require('tailwindcss'),

require('autoprefixer'),

// ...

]

}

**Tailwind.css**

Crear un directorio src/assets/tailwind.css y en su interior:

@tailwind base;

@tailwind components;

@tailwind utilities;

.btn {

@apply py-2 px-4 rounded;

}

.btn-blue {

@apply bg-blue-500 text-white;

}

.btn-blue:hover {

@apply bg-blue-700;

}

.card {

@apply rounded overflow-hidden shadow-lg;

}

## **Package.json**

"scripts": {

"start": "npm run watch:css && react-scripts start",

"build": "npm run build:css && react-scripts build",

"test": "react-scripts test",

"eject": "react-scripts eject",

"build:css": "postcss src/assets/tailwind.css -o src/assets/main.css",

"watch:css": "postcss src/assets/tailwind.css -o src/assets/main.css"

},

## **index.js**

import React from 'react';

import ReactDOM from 'react-dom';

import './assets/main.css';

import App from './App.jsx';

ReactDOM.render(

<React.StrictMode>

<App />

</React.StrictMode>,

document.getElementById('root')

);

## **App.jsx**

import React from 'react'

import Card from './components/Card'

const App = () => {

return (

<div className='container mx-auto'>

<h1>Tailwind CSS</h1>

<h2>Incorporado con PostCss</h2>

<button className="btn btn-blue btn-blue:hover">Botón</button>

<div className="my-5 flex flex-wrap -mx-2">

<div className="w-full sm:w-1/2 lg:w-1/3 px-2 my-2">

<Card photo='https://picsum.photos/800/600' />

</div>

<div className="w-full sm:w-1/2 lg:w-1/3 px-2 my-2">

<Card photo='https://picsum.photos/800/600' />

</div>

<div className="w-full sm:w-1/2 lg:w-1/3 px-2 my-2">

<Card photo='https://picsum.photos/800/600' />

</div>

</div>

</div>

)

}

export default App

## Card

## <https://tailwindcss.com/components/cards>

import React from 'react'

const Card = ({photo}) => {

return (

<div className='card'>

<img src={photo} alt="" className='w-full' />

<div className="px-6 py-4">

<div className="font-bold text-xl mb-2">The Coldest Sunset</div>

<p className="text-gray-700 text-base">

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Voluptatibus quia,

nulla! Maiores et perferendis

</p>

</div>

<div className="px-6 py-4">

<span className="inline-block bg-gray-200 rounded-full px-3 py-1 text-sm font-

semibold text-gray-700 mr-2">#photography</span>

<span className="inline-block bg-gray-200 rounded-full px-3 py-1 text-sm Font-

semibold text-gray-700 mr-2">#travel</span>

<span className="inline-block bg-gray-200 rounded-full px-3 py-1 text-sm font-semibold

text-gray-700">#winter</span>

</div>

</div>

)

}

export default Card