



# Guía html5

El contenido va entre las  
etiquetas de apertura y cierre

Etiqueta de apertura

Etiqueta de cierre

**<tag atributo="valor">contenido</tag>**

Los atributos sirven para complementar  
el comportamiento de la etiqueta

Etiqueta de apertura

Cierra ahí mismo

**<tag atributo="valor" atributo2="valor" />**

`<!DOCTYPE html>` —————→ Declaración de tipo de documento

`<html>` —————→ Se inserta código html

`<head>`  
`</head>` > Etiquetas de información al navegador

`<body>`  
`</body>` > Aquí va el cuerpo de la página

`</html>`

# HTML4 vs HTML5

## Declaración

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd">
```

```
<!DOCTYPE html>
```

## Meta Declaración

```
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
```

```
<meta charset="UTF-8">
```

## Script Tag

```
<script type="text/javascript" src="file.js"></script>
```

```
<script src="file.js"></script>
```

## Link Tag

```
<link rel="stylesheet" type="text/css" href="file.css">
```

```
<link rel="stylesheet" href="file.css">
```

# Etiquetas HTML5

- **Section**
- Header
- Footer
- Aside
- Nav
- Article
- Main
- Figure/figcaption
- Time

## SECTION VS DIV

Los elementos div no tienen significado semántico, pero el elemento section sí.

Se utiliza para agrupar contenido temático relacionado.

# SECTION VS DIV

Siempre vas a querer reemplazar algunos elementos **div** por elementos **section**, pero recuerda siempre preguntarte si **todo el contenido está relacionado**



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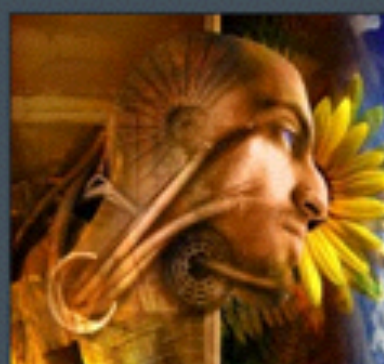
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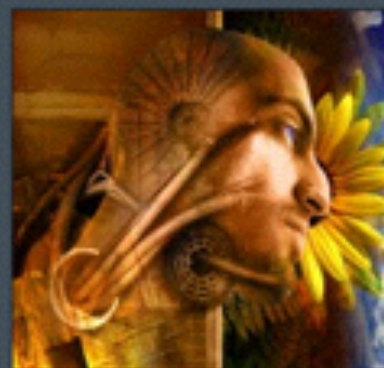
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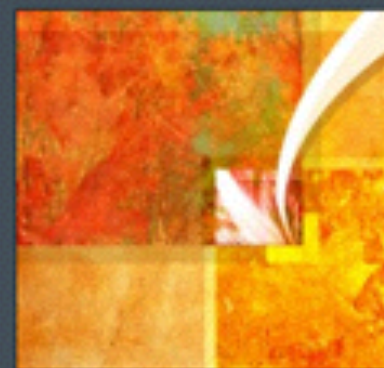
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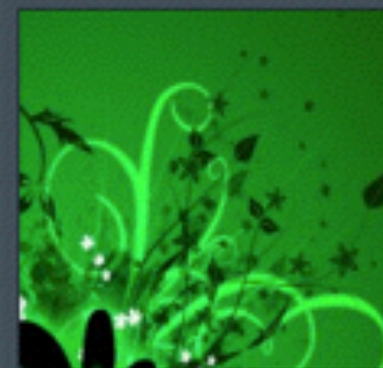
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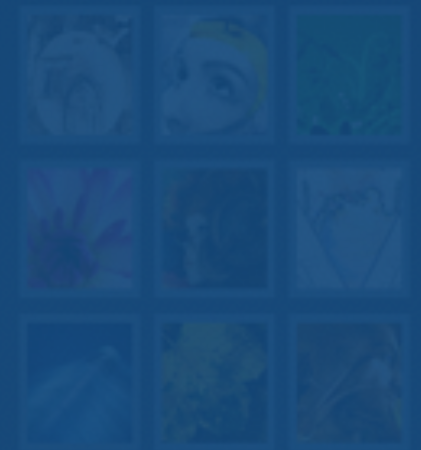


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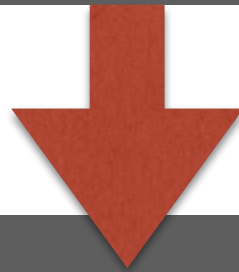
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# SECTION

## *Ejemplo usando SECTION*

```
<div class="section">  
  <h2>Galería</h2>  
  <!-- ... -->  
</div>
```



**HTML5**

```
<section>  
  <h2>Galería</h2>  
  <!-- ... -->  
</section>
```

# Etiquetas HTML5

- Section
- **Header**
- Footer
- Aside
- Nav
- Article
- Main
- Figure/figcaption
- Time

# HEADER



Puede contener “elementos de navegación”

# HEADER

- Pueden haber algunos **headers** diferentes en la página.
- Normalmente aparecen en el tope del documento o de la sección, pero se define **por su contenido, no por su ubicación**



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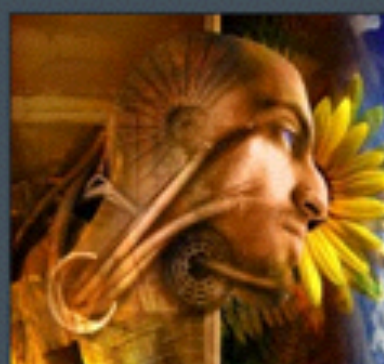
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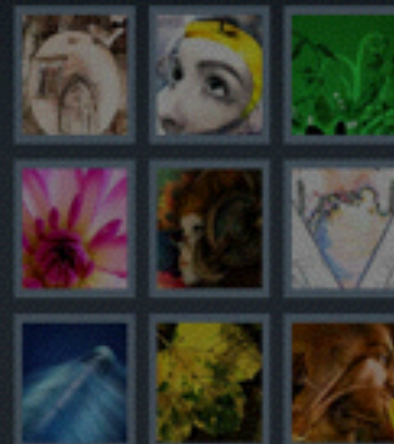


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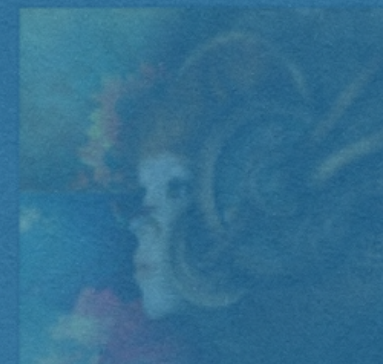
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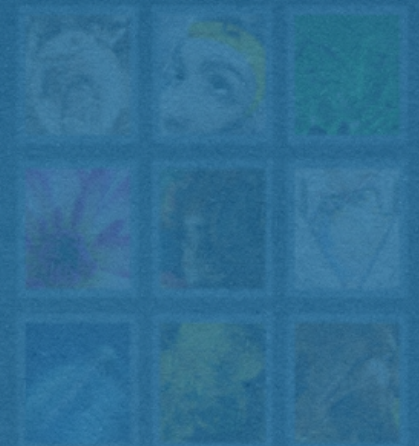


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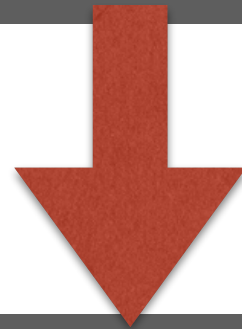
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# HEADER

## *Ejemplo usando HEADER*

```
<div class="header">  
<!-- ... -->  
</div>
```



**HTML5**

```
<header>  
<!-- ... -->  
</header>
```

```
<section>  
  <header>  
    <h1>Encabezado de la seccion</h1>  
    <p>Contenido en el header.</p>  
  </header>  
<p>Alguna información en la section.</p>  
</section>
```

# Etiquetas HTML5

- Section
- Header
- Footer
- Aside
- Nav
- Article
- Main
- Figure/figcaption
- Time

# FOOTER

- Así como el header, el **footer** es un elemento que no depende de su posición.
- Debe describir el contenido que contiene

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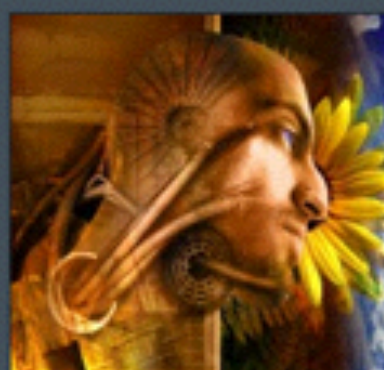
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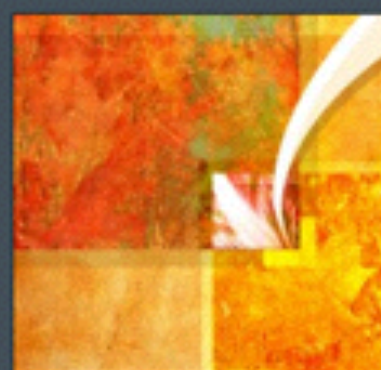
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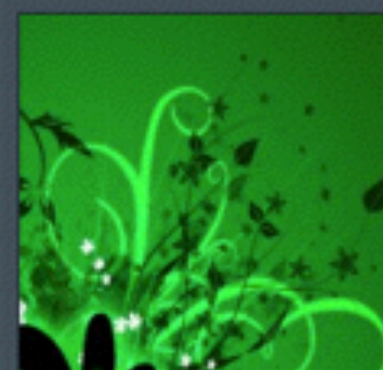
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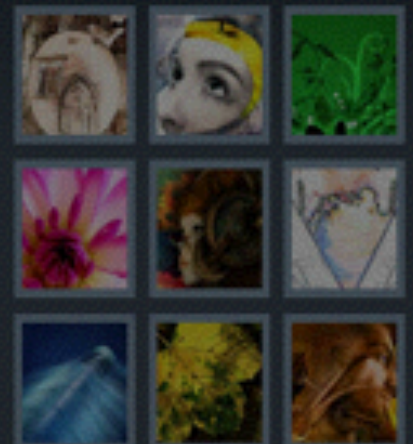


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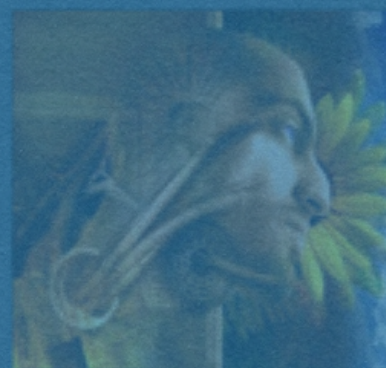
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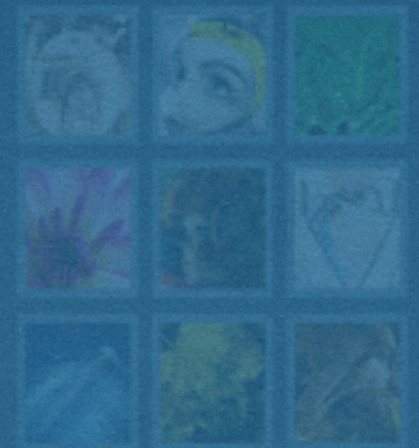


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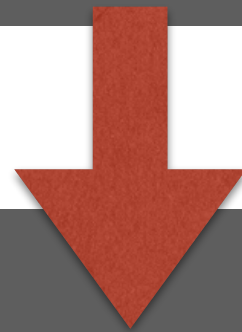
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# FOOTER

## *Ejemplo usando FOOTER*

```
<div class="footer">  
<!-- ... -->  
</div>
```



**HTML5**

```
<footer>  
<!-- ... -->  
</footer>
```

```
<section>  
  <header>  
    <h1>Encabezado de la section</h1>  
    <p>Contenido en el header.</p>  
  </header>  
  <p>Alguna información en la section.</p>  
  <footer>  
    <p>Por "Nombre del autor"</p>  
  </footer>  
</section>
```

# Etiquetas HTML5

- Section
- Header
- Footer
- **Aside**
- Nav
- Article
- Main
- Figure/figcaption
- Time

## ASIDE

Inicialmente, las especificaciones de HTML5 definen el elemento **aside** como “tangencialmente relacionado al contenido que lo rodea.”

# ASIDE

Un elemento **aside** es apropiado cuando se usa para representar contenido que no es el foco de atención de un **article** o de la **página**, pero sigue estando relacionado al **article** o **página**.

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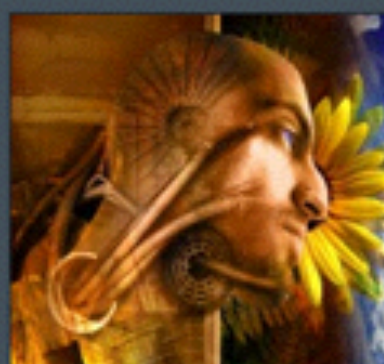
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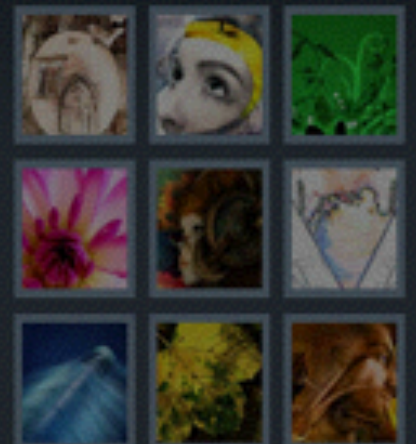


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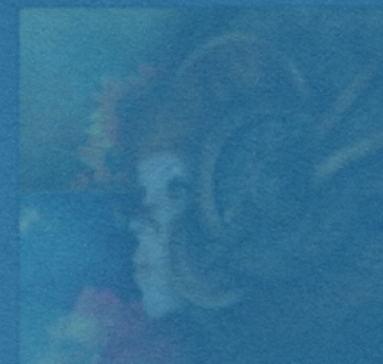
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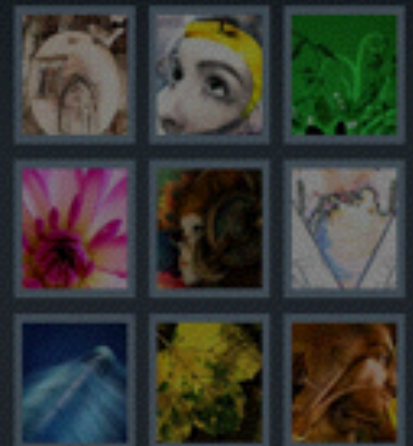


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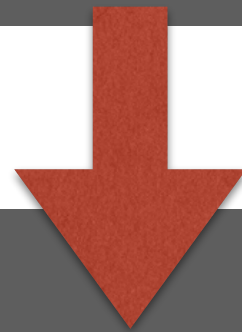
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# ASIDE

## *Ejemplo usando ASIDE*

```
<div class="sidebar">  
<!-- ... -->  
</div>
```



**HTML5**

```
<aside>  
<!-- ... -->  
</aside>
```

```
<section>  
  <header>  
    <h1>Encabezado de la section</h1>  
    <p>Contenido en el header.</p>  
  </header>  
  <p>Alguna información en la section.</p>  
  <aside>  
    <p>Alguna otra información secundaria.</p>  
  </aside>  
  <footer>  
    <p>Por "Nombre del autor"</p>  
  </footer>  
</section>
```

# Etiquetas HTML5

- Section
- Header
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- Aside
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# NAV

El objetivo **nav** es ser la  
navegación principal

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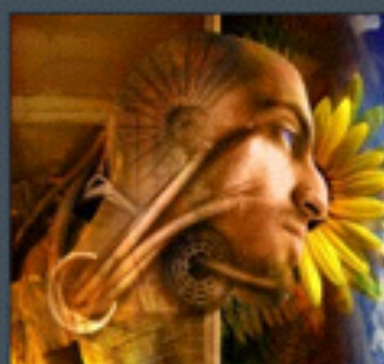
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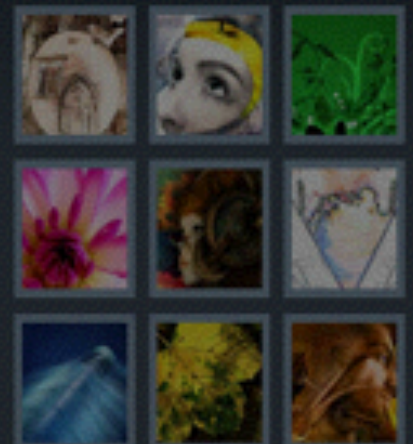


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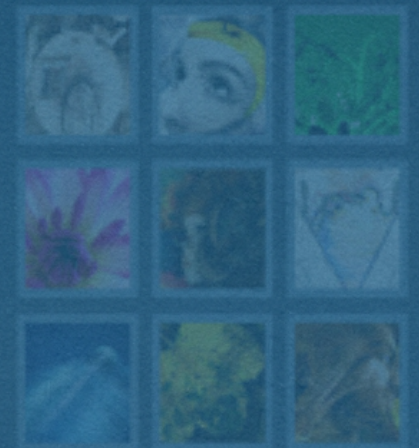


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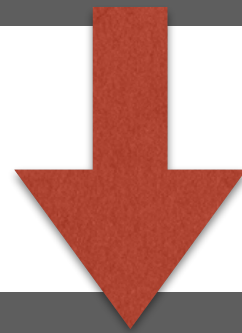
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# NAV

## *Ejemplo usando NAV*

```
<ul class="nav">  
  <!-- ... -->  
</ul>
```



```
<nav>  
  <ul>  
    <!-- ... -->  
  </ul>  
</nav>
```

**HTML5**



# Etiquetas HTML5

- Section
- Header
- Footer
- Aside
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- Article
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# ARTICLE

El elemento **article** es un tipo de **section**. Se usa para contenido relacionado a sí mismo.

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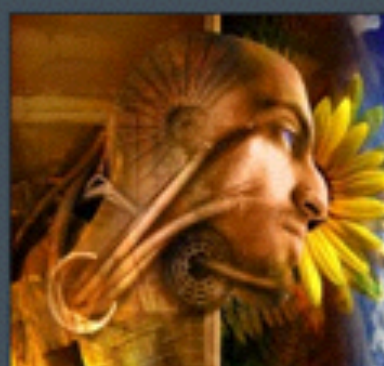
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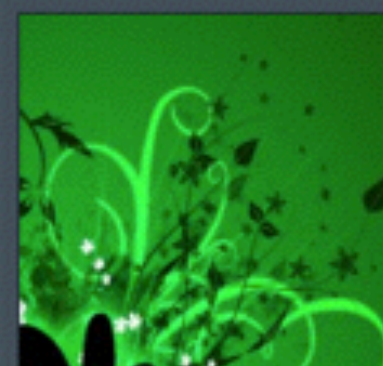
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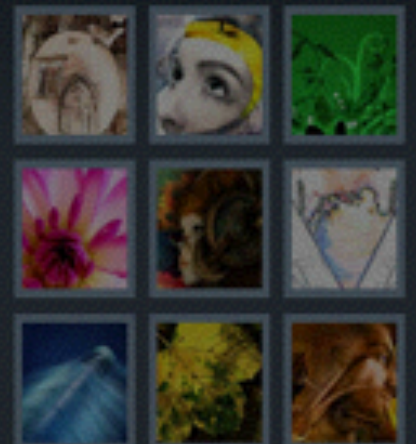


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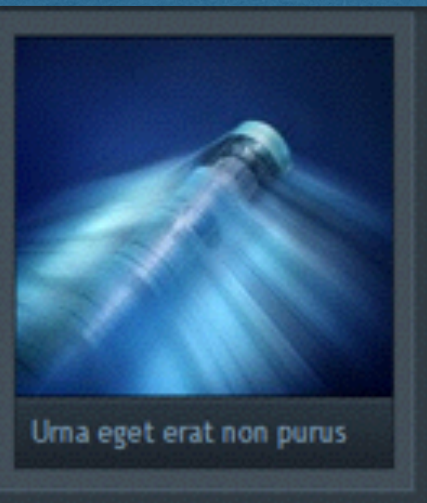
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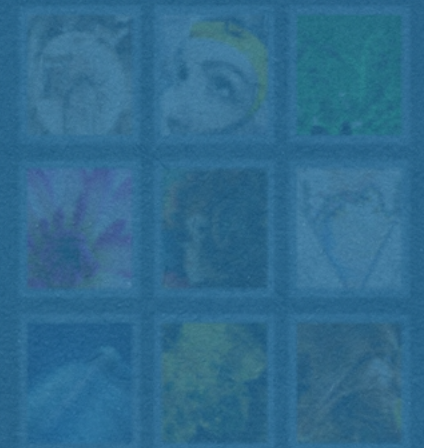
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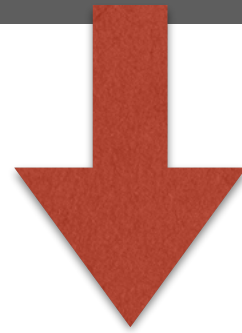
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# ARTICLE

## *Ejemplo usando ARTICLE*

```
<div class="article">  
  <!-- ... -->  
</div>
```



```
<article>  
  <!-- ... -->  
</article>
```

**HTML5**

# Etiquetas HTML5

- Section
- Header
- Footer
- Aside
- Nav
- Article
- **Main**
- Figure/figcaption
- Time

# MAIN

El área **main** consiste en contenido directamente relacionado **alrededor** del tema central del documento o de la funcionalidad central de la aplicación.

# MAIN

No incluir mas de un elemento **main** en el documento

No incluir un elemento **main** dentron de un **article**, **aside**, **footer**, **header**, o elemento **nav**.



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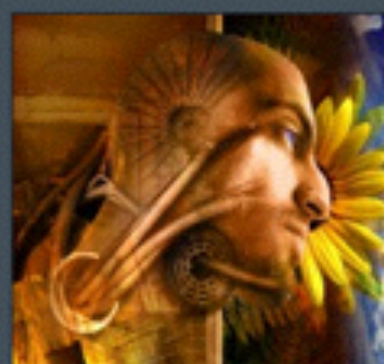
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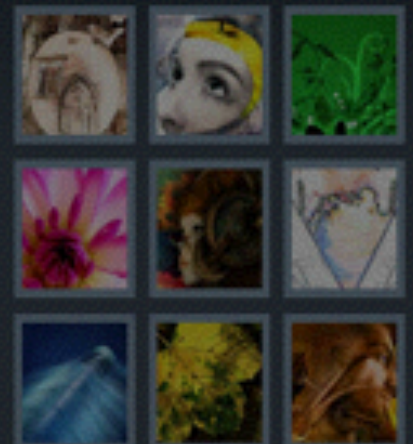


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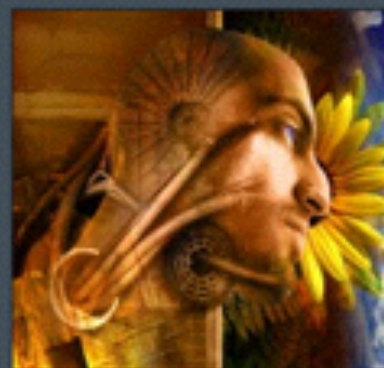
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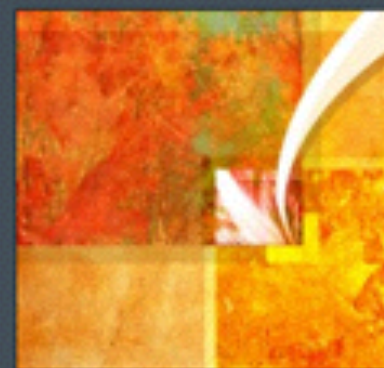
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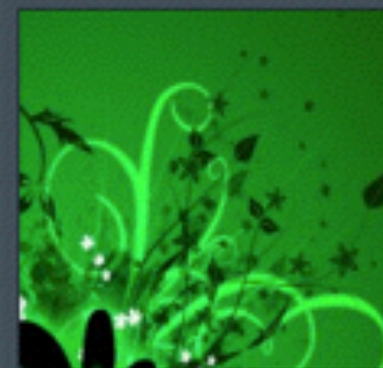
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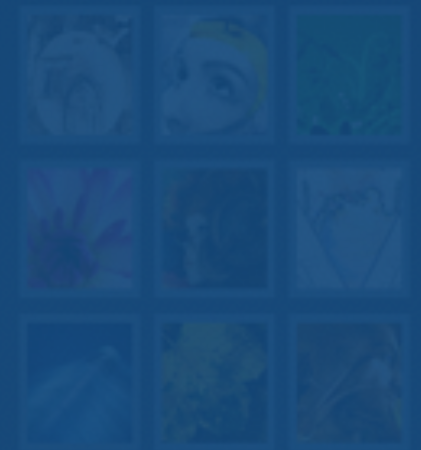


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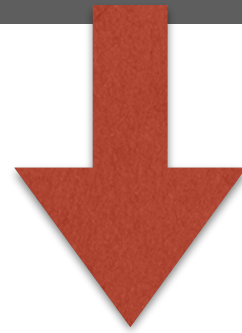
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# MAIN

## *Ejemplo usando MAIN*

```
<div class="main">  
  <!-- ... -->  
</div>
```



```
<main>  
  <!-- ... -->  
</main>
```

**HTML5**



# Etiquetas HTML5

- Section
- Header
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- Article
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# FIGURE

**Figure** se utiliza para marcar elementos de imágenes, ocasionalmente con **caption** en contenido directamente relacionado **alrededor** del tema central del documento o de la funcionalidad central de la aplicación.

# FIGURE

*Ejemplo usando FIGURE*

HTML5

```
<figure>  
    
</figure>
```

# FIGCAPTION

*Ejemplo usando FIGCAPTION*

HTML5

```
<figure>  
    
  <figcaption>Descripción de la imagen.</figcaption>  
</figure>
```





This is a caption for the picture.

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# Etiquetas HTML5

- Section
- Header
- Footer
- Aside
- Nav
- Article
- Main
- Figure/figcaption
- Time

# TIME

*Ejemplo usando TIME*

HTML5

```
<time>2013-09-16</time>
```



# Formularios HTML5

- Nuevos input types
- Nuevos elementos de formularios
- Nuevos atributos de formularios

# Formularios HTML5

## Nuevos input types

- Search
- Email
- URL
- Tel
- Number
- Range
- Date
- Month
- Week
- Time
- Datetime
- Datetime-local
- Color



Si algún navegador no soporta el tipo de input,  
pondrá por default “text”

# eGallery

Gallery Style  
Ad Supported Layout  
HD Thumbnails  
Custom Widgets

eGallery  
New Blogger Template

Home

About

Contact

Location

Partners

Request a quote



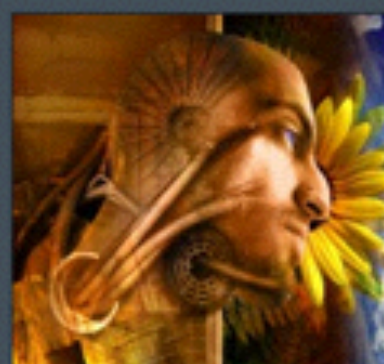
Urna eget erat non purus



Ut sagittis ultrices urna



Nulla tincidunt lorem



Maecenas scelerisque

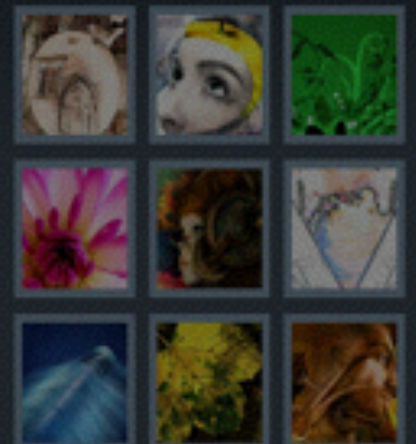


Nam libero tempore, cum



Consequat ut lacus tempus

random pics



labels

Coding

Custom logos

Design Gallery

Featured articles

Todos los derechos reservados



# eGallery

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[Partners](#)

[Request a quote](#)



Uma eget erat non purus



Ut sagittis ultrices urna



Nulla tincidunt lorem



Maecenas scelerisque

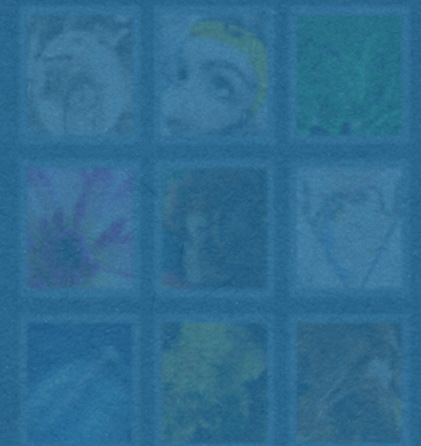


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Consequat ut lacus tempus

random pics



labels

[Coding](#)

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[Featured articles](#)

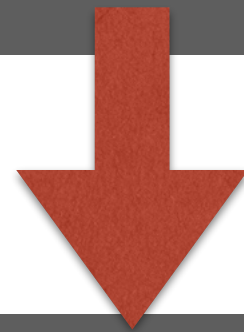
Todos los derechos reservados



# SEARCH

*Ejemplo usando SEARCH*

```
<input type="text" />
```



HTML5

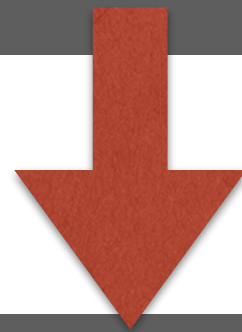
```
<input type="search" />
```



# EMAIL

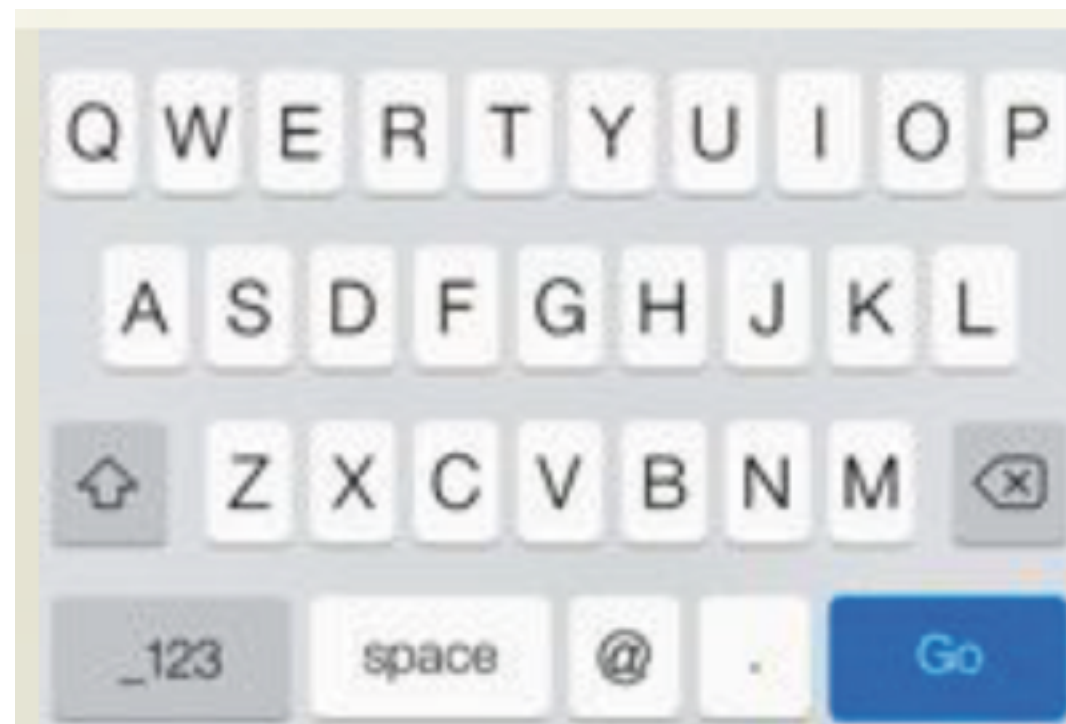
*Ejemplo usando EMAIL*

```
<input type="text" />
```



```
<input type="email" />
```

**HTML5**

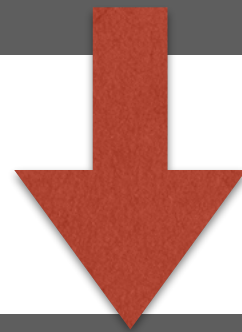




# URL

*Ejemplo usando URL*

```
<input type="text" />
```



**HTML5**

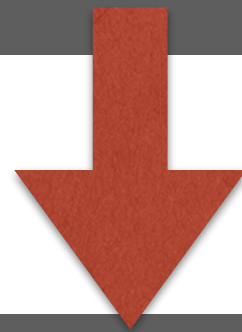
```
<input type="url" />
```



# DATE

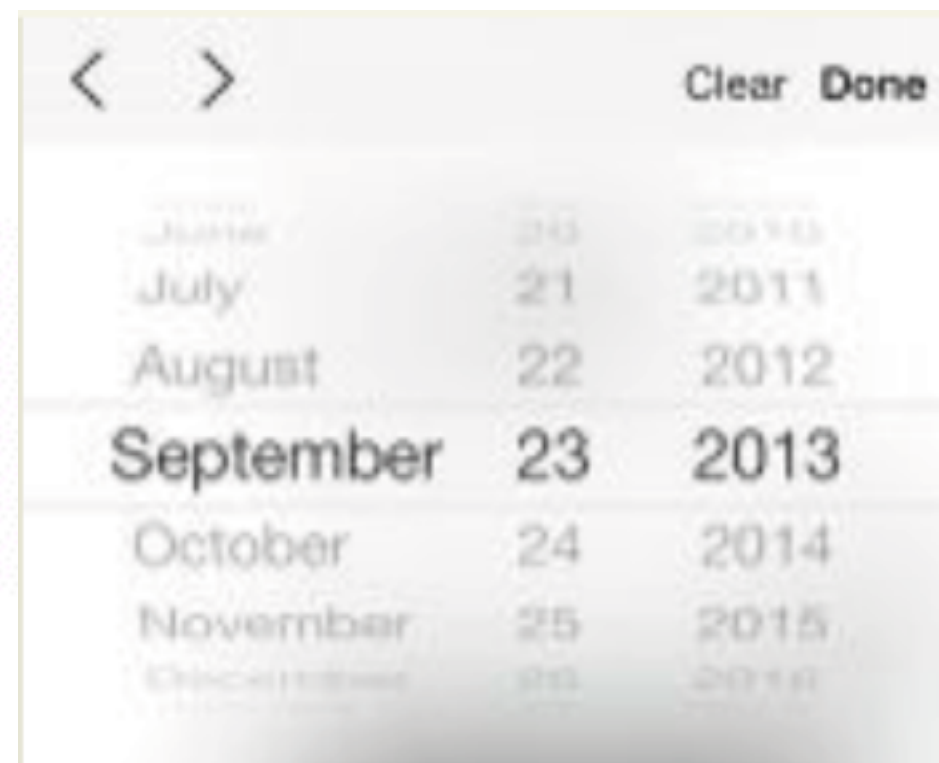
*Ejemplo usando DATE*

```
<input type="text" />
```



```
<input type="date" />
```

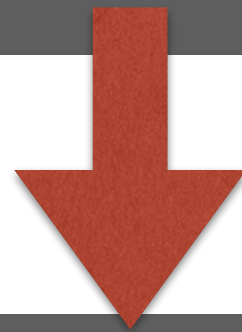
HTML5



# TEL

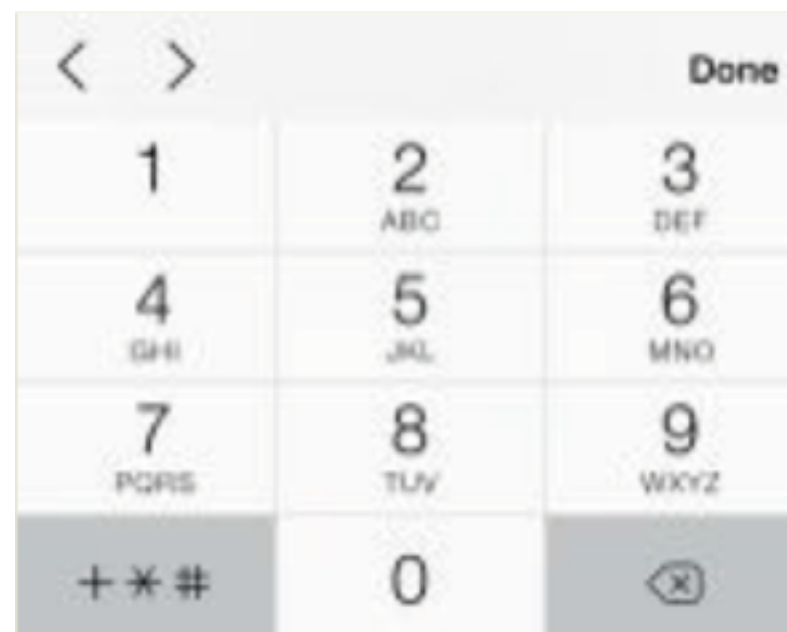
## *Ejemplo usando TEL*

```
<input type="text" />
```



HTML5

```
<input type="tel" />
```

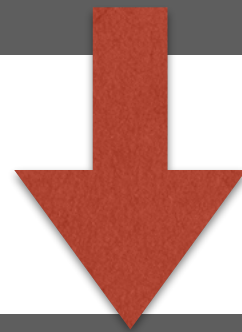




# NUMBER

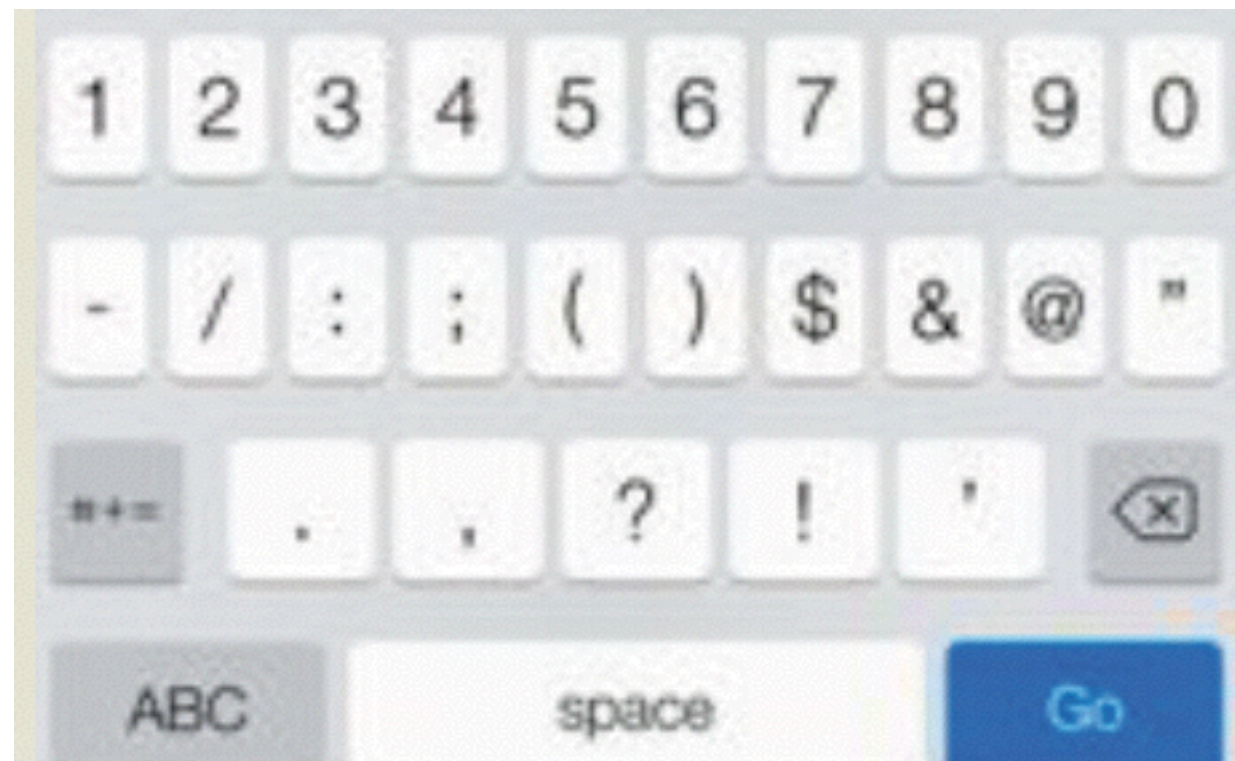
*Ejemplo usando NUMBER*

```
<input type="text" />
```



**HTML5**

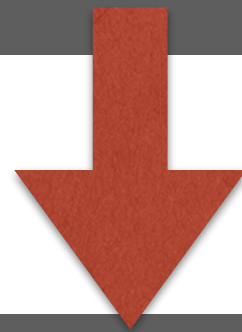
```
<input type="number" />
```



# RANGE

*Ejemplo usando RANGE*

```
<input type="text" />
```



```
<input type="range" />
```

HTML5



# MONTH, WEEK

*Ejemplo usando MONTH, WEEK*

```
<input type="month" />
```

HTML5

```
<input type="week" />
```

HTML5





# TIME, DATETIME-LOCAL

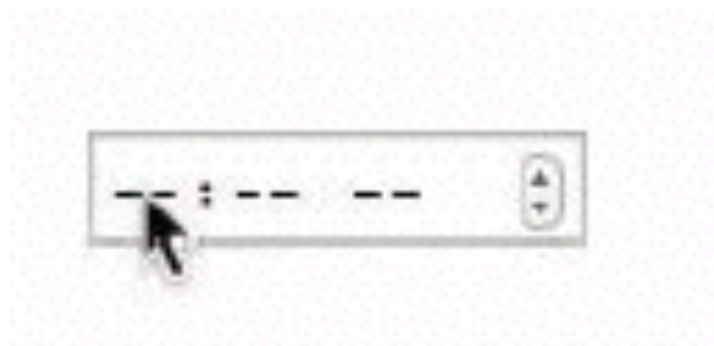
*Ejemplo usando TIME, DATETIME-LOCAL*

HTML5

```
<input type="time" />
```

HTML5

```
<input type="datetime-local" />
```



# COLOR

*Ejemplo usando COLOR*

```
<input type="color" />
```

HTML5



# Formularios HTML5

- Nuevos input types
- Nuevos elementos de formularios
- Nuevos atributos de formularios



# Formularios HTML5

- Nuevos elementos de formularios
  - Datalist
  - Keygen
  - Output

# DATALIST

## *Ejemplo usando DATALIST*

HTML5

```
<input type="text" list="browsers" />  
  
<datalist id="browsers">  
  <option value="Chrome">  
  <option value="Firefox">  
  <option value="Internet Explorer">  
  <option value="Opera">  
  <option value="Safari">  
</datalist>
```

# Formularios HTML5

- Nuevos input types
- Nuevos elementos de formularios
- Nuevos atributos de formularios



# Formularios HTML5

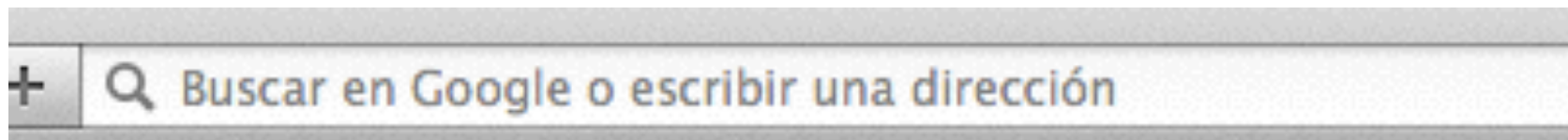
- Nuevos atributos de formularios
  - Placeholder
  - Autofocus
  - Autocomplete
  - Required
  - Pattern
  - List
  - Multiple
  - novalidate
  - formnovalidate
  - form
  - formaction
  - formenctype
  - formmethod
  - formtarget

# PLACEHOLDER

*Ejemplo usando PLACEHOLDER*

```
<input type="text" placeholder="Enter your email..." />
```

HTML5



# AUTOFOCUS

*Ejemplo usando AUTOFOCUS*

HTML5

```
<input type="text" autofocus />
```



# REQUIRED

*Ejemplo usando REQUIRED*

HTML5

```
<input type="text" required />
```

Por favor rellena el campo

# PATTERN

## *Ejemplo usando PATTERN*

HTML5

```
<input type="text" pattern="[0-9]{3}" />
```



Por favor rellena el campo

Expresión regular de JavaScript