

<iframe>

O **elemento HTML <iframe>** (ou *elemento HTML inline frame*) representa um contexto de navegação aninhado, efetivamente incorporando outra página HTML para a página atual. Em HTML 4.01, um documento pode conter uma cabeça e um corpo ou uma cabeça e um conjunto de quadros, mas não tanto um corpo e um conjunto de quadros. No entanto, um <iframe> pode ser usado dentro de um corpo de documento normal. Cada contexto de navegação tem sua própria história de sessão e o documento ativo. O contexto de navegação que contém o conteúdo incorporado é chamado o pai de contexto de navegação. O contexto de navegação de nível superior (que não tem um pai) normalmente é a janela do navegador.

- *Content categories* [Flow content](#), [phrasing content](#), embedded content, interactive content, palpable content.
- *Permitted content* Special, see prose
- *Tag omission* None, both the starting and ending tag are mandatory.
- *Permitted parent elements* Any element that accepts embedded content.
- *DOM interface* [HTMLIFrameElement](#) [\(en-US\)](#).

Atributos

Este elemento inclui os [atributos globais](#).

align Deprecated since [HTML4.01](#), Obsolete since [HTML5](#)

O alinhamento deste elemento em relação ao contexto.

allowfullscreen

Esse atributo pode ser definido como true se o quadro é permitido para ser colocado em modo de tela cheia, chamando seu método de [element.mozRequestFullScreen\(\)](#) [\(en-US\)](#). Se isto não estiver definido, o elemento não pode ser colocado em modo de tela cheia.

frameborder [HTML4](#) only

O valor 1 (o padrão) pede ao navegador para desenhar uma borda entre este quadro e todos os outros quadros. O valor 0 informa ao navegador para não traçar uma fronteira entre este quadro e outros quadros.

height

Indica a altura do quadro [HTML5](#) em pixels CSS, ou [HTML4.01](#) em pixels ou porcentagem.

longdesc [HTML4](#) only

Uma URI de uma longa descrição do quadro. Devido à má utilização generalizada, isto não é útil para navegadores não-visuais.

marginheight [HTML4](#) only

A quantidade de espaço em pixels entre o conteúdo do quadro e suas margens superior e inferior.

marginwidth [HTML4](#) only

A quantidade de espaço em pixels entre o conteúdo dos quadros e suas margens direita e esquerda.

mozallowfullscreen

Use **allowfullscreen** ao invés. Em Gecko 9.0 or later, this attribute can be set to `true` if the frame is allowed to be placed into full screen mode by calling its [element.mozRequestFullScreen\(\)](#) [\(en-US\)](#) method. If this isn't set, the element can't be placed into full screen mode.

webkitallowfullscreen

Use **allowfullscreen** ao invés. No Chrome 17 ou mais novo (e talvez mais antigo), this attribute can be set to `true` if the frame is allowed to be placed into full screen mode by calling its [element.webkitRequestFullScreen\(\)](#) method. If this isn't set, the element can't be placed into full screen mode.

mozapp

For frames hosting an [open web app](#), this specifies the URL of the [app manifest](#). This ensures that the app is loaded with the right permissions. See [Using the Browser API](#) for details. Available in Gecko 13.0 and later.

mozbrowser

Indicates that the frame is to appear like a top-level browser window to the embedded content. This means that [window.top](#) [\(en-US\)](#), [window.parent](#) [\(en-US\)](#), [window.frameElement](#) [\(en-US\)](#), etc. will not reflect the frame hierarchy. This allows for a web browser UI to be implemented entirely with web technology, given the right permissions. See [Using the Browser API](#) for details. Available in Gecko 13.0 and later.

name

A name for the embedded browsing context (or frame). This can be used as the value of the **target** attribute of an [<a>](#) or [<form>](#) element, or the formtarget attribute of an [<input>](#) or [<button>](#) element.

remote

Carrega a página do *frame* em um processo separado.

scrolling [HTML4](#) only

Enumerated attribute indicating when the browser should provide a scroll bar (or other scrolling device) for the frame:

- auto : Só quando necessário.
- yes : Sempre mostrar uma barra de rolagem.
- no : Nunca mostrar uma barra de rolagem.

sandbox (HTML5) only

If specified as an empty string, this attribute enables extra restrictions on the content that can appear in the inline frame. The value of the attribute can either be an empty string (all the restrictions are applied), or a space-separated list of tokens that lift particular restrictions. Valid tokens are:

- allow-same-origin : Allows the content to be treated as being from its normal origin. If this keyword is not used, the embedded content is treated as being from a unique origin.
- allow-top-navigation : Allows the embedded browsing context to navigate (load) content to the top-level browsing context. If this keyword is not used, this operation is not allowed.
- allow-forms : Allows the embedded browsing context to submit forms. If this keyword is not used, this operation is not allowed.
- allow-popups : Allows popups (like from window.open).
- allow-scripts : Allows the embedded browsing context to run scripts (but not create pop-up windows). If this keyword is not used, this operation is not allowed.
- allow-pointer-lock : Allows the embedded browsing context to use the [Pointer Lock API](#).

Note:

- When the embedded document has the same origin as the main page, it is strongly discouraged to use both allow-scripts and allow-same-origin at the same time, as that allows the embedded document to programmatically remove the sandbox attribute. Although it is accepted, this case is no more secure than not using the sandbox attribute.
- Sandboxing in general is only of minimal help if the attacker can arrange for the potentially hostile content to be displayed in the user's browser outside a sandboxed iframe. It is recommended that such content should be served from a *separate dedicated domain*, to limit the potential damage.
- The sandbox attribute is not supported in Internet Explorer 9 and earlier versions, or in Opera.

seamless (HTML5) only

This **Boolean attribute** indicates that the browser should render the inline frame in a way that makes it appear to be part of the containing document, for example by applying CSS styles that apply to the <iframe> to the contained document before styles specified in that document, and by opening links in the contained documents in the parent browsing context (unless another setting prevents this). In XHTML, attribute minimization is forbidden, and the seamless attribute must be defined as <iframe seamless="seamless">.

src

The URL of the page to embed.

srcdoc (HTML5) only

The content of the page that the embedded context is to contain. This attribute is expected to be used together with the sandbox and seamless attributes. If a browser supports the srcdoc attribute, it will override the content specified in the src attribute (if present). If a browser does NOT support the srcdoc attribute, it will show the file specified in the src attribute instead (if present).

width

Indicates the width of the frame (HTML5) in CSS pixels, or (HTML 4.01) in pixels or as a percentage.

Scripting

Inline frames, like <frame> (en-US) elements, enter the [window.frames](#) (en-US) pseudo-array.

From the DOM iframe element, scripts can get access to the [window](#) object of the included HTML page via the contentWindow property. The contentDocument property refers to the document element inside the iframe (this is equivalent to contentWindow.document), but is not supported by Internet Explorer versions before IE8.

From the inside of a frame, a script can get a reference to the parent window via [window.parent](#) (en-US).

Scripts trying to access a frame's content are subject to the [same-origin policy](#), and cannot access most of the properties in the other window object if it was loaded from a different domain. This also applies to a script inside a frame trying to access its parent window. Cross-domain communication can still be achieved with [window.postMessage](#) (en-US).

Exemplo 1

```
<script>
  var iframe = window.getElementsByTagName( "iframe" )[ 0 ];
  alert( "Frame title: " + iframe.contentWindow.title );
</script>
```

```
<iframe src="page.html" width="300" height="300">
  <p>Your browser does not support iframes.</p>
</iframe>
```

Exemplo 2: Open link inside iframe in another tab

```
<base target="_blank" />
<iframe width="400" height="215" frameborder="0" scrolling="no" marginheight="0" marginwidth="0"
  src="https://maps.google.com/maps?f=q&source=s_q&hl=es-419&geocode=&q=buenos+aires&sll=37.0625,-95.677068&sspn=38.638819,80.859375&t=h&ie=UTF8&hq=&hnear=Buenos+Aires,+Argentina&z=11&ll=-34.603723,-58.381593&output=embed">
</iframe><br />
<small>
  <a href="https://maps.google.com/maps?f=q&source=embed&hl=es-419&geocode=&q=buenos+aires&sll=37.0625,-95.677068&sspn=38.638819,80.859375&t=h&ie=UTF8&hq=&hnear=Buenos+Aires,+Argentina&z=11&ll=-34.603723,-58.381593&output=embed">
```

```
=11&amp;ll=-34.603723,-58.381593"
style="color:#0000FF;text-align:left">
See bigger map
</a>
</small>
```

Resultado

[Live example](#)

Notas

Note: Starting in Gecko 6.0, rendering of inline frames correctly respects the borders of their containing element when they're rounded using `border-radius`.

Especificações

Especificação	Status	Comment
HTML Living Standard The definition of '<iframe>' in that specification.	Padrão em tempo real	
HTML5 The definition of '<iframe>' in that specification.	Recomendação	
HTML 4.01 Specification The definition of '<iframe>' in that specification.	Recomendação	

Compatibilidade dos navegadores

[Report problems with this compatibility data on GitHub](#)

	Chrome	Edge	Firefox	Internet Explorer	Opera	Safari	WebView Android	Chrome Android	Firefox for Android	Opera Android
iframe	Chrome 1	Edge 12	Firefox Yes	Internet Explorer Yes	Opera Yes	Safari Yes	WebView Yes Android	Chrome Yes Android	Firefox for Android Yes	Opera Android
align	Chrome 1	Edge 12	Firefox Yes	Internet Explorer Yes	Opera Yes	Safari Yes	WebView Yes Android	Chrome Yes Android	Firefox for Android Yes	Opera Android
allow	Chrome 60	Edge 79	Firefox 74	Internet Explorer No	Opera 47	Safari 11.1	WebView 60 Android	Chrome 60 Android	Firefox for Android No	Opera Android
allowfullscreen	Chrome 27	Edge 79	Firefox 18	Internet Explorer 11	Opera 15	Safari 7	WebView 37 Android	Chrome 27 Android	Firefox for Android 18	Opera Android
allowpaymentrequest	Chrome No	Edge No	Firefox 56–83	Internet Explorer No	Opera No	Safari No	WebView No Android	Chrome No Android	Firefox 56–83 for Android	Opera Android
Aspect ratio computed from width and height attributes	Chrome 79	Edge 79	Firefox 71	Internet Explorer No	Opera 66	Safari 14	WebView 79 Android	Chrome 79 Android	Firefox for Android 79	Opera Android
External protocol URLs blocked	Chrome ?	Edge ?	Firefox 67	Internet Explorer ?	Opera ?	Safari ?	WebView ? Android	Chrome ? Android	Firefox for Android 67	Opera Android
fetchpriority	Chrome 101	Edge 101	Firefox No	Internet Explorer No	Opera No	Safari No	WebView 101 Android	Chrome 101 Android	Firefox for Android No	Opera Android
frameborder	Chrome 1	Edge 12	Firefox Yes	Internet Explorer Yes	Opera Yes	Safari Yes	WebView Yes Android	Chrome Yes Android	Firefox for Android Yes	Opera Android
height	Chrome 1	Edge 12	Firefox Yes	Internet Explorer Yes	Opera Yes	Safari Yes	WebView Yes Android	Chrome Yes Android	Firefox for Android Yes	Opera Android
loading	Chrome 77	Edge 79	Firefox No	Internet Explorer No	Opera 64	Safari No	WebView 77 Android	Chrome 77 Android	Firefox for Android No	Opera Android
longdesc	Chrome 1	Edge 12	Firefox Yes	Internet Explorer Yes	Opera Yes	Safari Yes	WebView Yes Android	Chrome Yes Android	Firefox for Android Yes	Opera Android
marginheight	Chrome 1	Edge 12	Firefox Yes	Internet Explorer Yes	Opera Yes	Safari Yes	WebView Yes Android	Chrome Yes Android	Firefox for Android Yes	Opera Android
marginwidth	Chrome 1	Edge 12	Firefox Yes	Internet Explorer Yes	Opera Yes	Safari Yes	WebView Yes Android	Chrome Yes Android	Firefox for Android Yes	Opera Android
name	Chrome 1	Edge 12	Firefox Yes	Internet Explorer Yes	Opera Yes	Safari Yes	WebView Yes Android	Chrome Yes Android	Firefox for Android Yes	Opera Android
referrerpolicy	Chrome 51	Edge 79	Firefox 50	Internet Explorer No	Opera 38	Safari 13	WebView 51 Android	Chrome 51 Android	Firefox for Android 50	Opera Android
sandbox	Chrome 4	Edge 12	Firefox 17	Internet Explorer 10	Opera 15	Safari 5	WebView Yes Android	Chrome Yes Android	Firefox for Android 17	Opera Android
sandbox="allow-downloads"	Chrome 83	Edge 83	Firefox 82	Internet Explorer No	Opera ?	Safari No	WebView 83 Android	Chrome 83 Android	Firefox for Android 82	Opera Android
sandbox="allow-modals"	Chrome 46	Edge 79	Firefox 49	Internet Explorer No	Opera 33	Safari ?	WebView 46 Android	Chrome 46 Android	Firefox for Android 49	Opera Android
sandbox="allow-popups"	Chrome Yes	Edge 18	Firefox 28	Internet Explorer ?	Opera Yes	Safari ?	WebView Yes Android	Chrome Yes Android	Firefox for Android 27	Opera Android

	Chrome	Edge	Firefox	Internet Explorer	Opera	Safari	WebView Android	Chrome Android	Firefox for Android	Opera Android
sandbox="allow-popups-to-escape-sandbox"	Chrome 46	Edge 79	Firefox 49	Internet Explorer No	Opera 32	Safari ?	WebView 46 Android	Chrome 46 Android	Firefox for Android 49	Opera Android
sandbox="allow-presentation"	Chrome 53	Edge 79	Firefox 50	Internet Explorer No	Opera 40	Safari ?	WebView No Android	Chrome 53 Android	Firefox for Android 50	Opera Android
sandbox="allow-same-origin"	Chrome Yes	Edge Yes	Firefox Yes	Internet Explorer Yes	Opera Yes	Safari Yes	WebView Yes Android	Chrome Yes Android	Firefox for Android Yes	Opera Android
sandbox="allow-storage-access-by-user-activation"	Chrome No	Edge No	Firefox 65	Internet Explorer No	Opera No	Safari 11.1	WebView No Android	Chrome No Android	Firefox for Android No	Opera Android
sandbox="allow-top-navigation-by-user-activation"	Chrome 58	Edge 79	Firefox 79	Internet Explorer No	Opera 45	Safari 11.1	WebView 58 Android	Chrome 58 Android	Firefox for Android 79	Opera Android
scrolling	Chrome 1	Edge 12	Firefox Yes	Internet Explorer Yes	Opera Yes	Safari Yes	WebView Yes Android	Chrome Yes Android	Firefox for Android Yes	Opera Android
src	Chrome 1	Edge 12	Firefox Yes	Internet Explorer Yes	Opera Yes	Safari Yes	WebView Yes Android	Chrome Yes Android	Firefox for Android Yes	Opera Android
srcdoc	Chrome 20	Edge 79	Firefox 25	Internet Explorer No	Opera 15	Safari 6	WebView 37 Android	Chrome 25 Android	Firefox for Android 25	Opera Android
width	Chrome 1	Edge 12	Firefox Yes	Internet Explorer Yes	Opera Yes	Safari Yes	WebView Yes Android	Chrome Yes Android	Firefox for Android Yes	Opera Android

Full support

In development. Supported in a pre-release version.

No support

Compatibility unknown

Experimental. Expect behavior to change in the future.

Non-standard. Check cross-browser support before using.

Deprecated. Not for use in new websites.

See implementation notes.

User must explicitly enable this feature.

Requires a vendor prefix or different name for use.

Last modified:

8 de dez. de 2020,

by [MDN contributors](#)