Hyperlink

**HTML Hyperlinks** are created using <a> tag. Formarly known as anchor tag, **hyperlink** defines a **link** <a href=""> in html document. A **hyperlink** links a webpage with other webpages and external pages. A hyperlink can be **Internal Link**, **External Link**, **Internal Link**, **Mail Link** or **telephone link**.

In HTML5, an **hyperlink** can contain both **block level** and **inline level** elements. That means, we can write **text**, image or a div inside **hyperlink**.

 Anchor Tag

**Anchor Tag** was the previous name of **hyperlinks** till html4/xhtml. But HTML5 renamed anchor tag to **hyperlink**.

<a>Anchor Tag</a>

 Hyperlink

**Hyperlink** means an **a tag** with **href attribute**. **Hyperlink** is used to link webpages.

<a href="">Hyperlink Tag</a>

## Type of Hyperlinks

There are six types **hyperlinks**. **Types of Hyperlinks** are defined on the basis of their value. Here are six type of html hyperlinks with example and usage.

### Hyperlinks Types

1. Empty Link
2. Relative Link
3. Absolute Link
4. Internal Link
5. Mailto Link
6. Telephone Link

### Empty Link

An hyperlink without href value id blank link. Usually we avoid empty hyperlinks as they refresh or reload webpages.

[Empty Link](https://tutorial.techaltum.com/anchor_tag.html)

<a href="">Empty Link</a>

#### **Prevent a link to reload page**

Empty Link

<a href="JavaScript:Void()">Empty Link</a>

### Relative Link

**Relative link** means a hyperlink with path relative to root directory. If your webpage is saved on desktop, then desktop is your root directory.

<a href="webdesigning.html">Web Designing Tutorials </a>

### Absolute Link

**Absolue Link** is hyperlink with **Absolute Path**. This could be *http*, *https*, or *file* protocol based.

<a href="https://tutorial.techaltum.com/webdesigning.html">Web Designing Tutorials </a>

### Internal Link

**Internal Link** is hyperlink with **Internal Path**. To call an element with id, **internal link** is used. As id is unique, internal link call that element.

<a href="#section1">Section 1</a>

<a href="#section2">Section 2</a>

<a href="#section3">Section 3</a>

<div id="section1">Section 1 Division</div>

<div id="section2">Section 2 Division</div>

<div id="section3">Section 3 Division</div>

### Email Link

**Mailto Link** is used to create **Click to mail link** or **Email Link** in html. This is very useful when we are showing our mail to user. On click of **mail link**, your mail application, (Outlook, Gmail, mail etc) will open compose tab.

Mail Link

<a href="mailto:user@domain.com">Mail Link</a>

### Click To Call Link

**Click to call** is used using tel: followed by phone number in href. This is recommended on a webpage to show telephone numbers with click to call feature.

Click To Call

<a href="tel:+9101204280181">Call Tech Altum</a>