

Module 9 - Links in CSS

Link

A link is a clickable element that connects one web page to another – or to a section on the same page, or even to a file (like a PDF or image). We create links using the <a> tag. The full form of <a> is "anchor".

Part	Meaning
<a>	Starts the link (anchor tag)
href=""	Contains the destination (the link address)
Link Text	This is what users will see and click on
	Ends the link

Types Of Links in HTML

External Link

- Definition: A link that points to a different website.
- Use: Used to navigate to other sites.
- Visit Wikipedia

Internal Link

- Definition: A link that points to another page within the same website.
- Use: Used to navigate between pages on your own site.
- About Us

Anchor Link (Jump Link)

- Definition: A link that jumps to a specific part of the same page.
- Use: Useful for creating a Table of Contents or scrolling to sections.
- Go to Contact Section
- <h2 id="contact">Contact Us</h2>

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Email Link

- Definition: Opens the user's email app to send an email.
- Use: To allow visitors to easily email you.
- `Send Email`

Telephone Link

- Definition: Starts a phone call on mobile devices.
- Use: Great for contact pages.
- `Call Us`

Download Link

- Definition: Link that lets users download a file.
- Use: PDFs, images, documents, etc.
- `Download Brochure`

Image Link

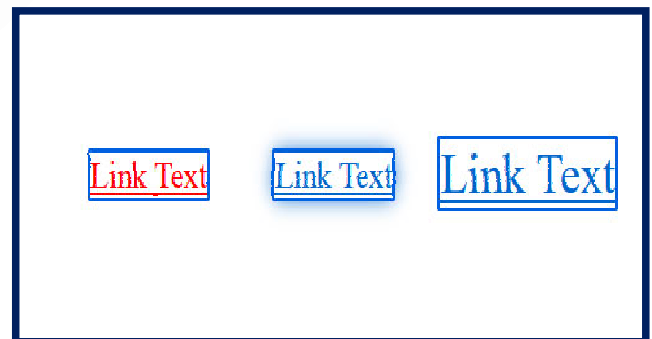
- Definition: An image that acts like a link.
- Use: Useful for logos or buttons.
- ``
- ``

Open in New Tab Link

- Definition: A link that opens the page in a new browser tab.
- Use: Keeps your website open while sending users elsewhere.
- `Open Example in New Tab`

Why do we use Links in CSS?

In CSS, we style HTML links (`<a>` tags) to make them look better and behave in a more user-friendly and consistent way. By default, browser links are plain (usually blue and underlined), but CSS gives us full control over their appearance and interactivity.



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Properties of Links in CSS

Property	Description
color	Sets the text color of the link.
text-decoration	Controls underlining (or other decorations).
font-size	Sets the size of the link text.
font-weight	Makes the link text bold, normal, etc.
font-family	Changes the font type of the link text.
background-color	Sets the background color behind the link.
padding	Adds space inside the link around the text.
margin	Adds space outside the link element.
border	Adds a border around the link.
border-radius	Rounds the corners of the border (good for buttons).
display	Controls layout — inline, block, inline-block, etc.
cursor	Changes the mouse cursor (e.g., to pointer on hover).
transition	Adds smooth effects to style changes (like hover).

CSS Link Code with Internal CSS

```
<!DOCTYPE html>
<html>
<head>
<title>Styled Links Example</title>
<style>
/* CSS goes here */
a:link {
color: blue;
text-decoration: none;
}
a:visited {
color: purple;
}
a:hover {
color: red;
text-decoration: underline;
}

```

HTML & CSS Link Examples

[Visit Google](#)

[Visit Wikipedia](#)

[About Us](#)

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```
a:active {
  color: green;
}
/* Button-style link */
.button-link {
  background-color: #4CAF50;
  color: white;
  padding: 10px 20px;
  text-decoration: none;
  border-radius: 5px;
  display: inline-block;
  transition: background-color 0.3s ease;
}
.button-link:hover {
  background-color: #45a049;
}
</style>
</head>
<body>
<h2>HTML & CSS Link Examples</h2>
<!-- Normal link -->
<p><a href="https://www.google.com">Visit Google</a></p>
<!-- Visited link (click to test behavior) -->
<p><a href="https://www.wikipedia.org">Visit Wikipedia</a></p>
<!-- Styled as a button -->
<p><a href="about.html" class="button-link">About Us</a></p>
</body>
</html>
```

Assignment

- Create an HTML file
- It should include two links:
- The first link should have the text "Website", use Arial font, and be linked to a new file or a new webpage
- The second link should have the text "Table", use Calibri font, and be linked to a file. This file or webpage should have a table.
- There should also be a paragraph:
- With a dotted border
- Yellow background color
- White font color
- Font size 20px.

