



**PES**  
**UNIVERSITY**

CELEBRATING 50 YEARS

## Web Design

---

**Rajani S**

Department of Computer  
Applications

# Web Design

---

## Designing Websites

Rajani S

Department of Computer Applications



# Web Design

## Hyperlink Using Anchor



- The `<a>` tag defines a hyperlink, which is used to link from one page to another.
- The most important attribute of the `<a>` element is the `href` attribute, which indicates the link's destination.

By default, links will appear as follows in all browsers:

- An unvisited link is underlined and blue
- A visited link is underlined and purple
- An active link is underlined and red



# Web Design

## Absolute & Relative Path



In HTML, when using the **anchor tag (<a>)**, you can specify the location of a resource (like a webpage or file) using either a **relative path** or an **absolute path**.

### 1. Absolute Path

- An absolute path provides the complete URL to a resource, including the **protocol** (`http://`, `https://`), domain name, and the specific path to the file.

#### Example:

```
<a href="https://www.example.com/page1.html">
```

Visit Page 1

```
</a>
```



# Web Design

## Absolute & Relative Path

---



```
<a href="https://www.wikipedia.org/">
```

Visit Wikipedia

```
</a>
```



## Web Design

### Hyperlink Using Anchor



- **Relative Path**

A relative path provides a link relative to the current document's location. This is useful for linking to other pages or resources within the same website.

#### Example:

```
<a href="page2.html"> Visit Page 2 </a>
```



## Web Design

### Hyperlink Using Anchor



#### Example 1: sampleimg1.html

```
<!DOCTYPE html>
<html>
<body>
<p>
An image as a link:

<a href="https://pes.edu/">



</a> </p>
</body>
</html>
```



**Web Design**

## Hyperlink Using Anchor – Image as link



**Example 1:**

An image as a link:





The **target attribute** in the `<a>` (anchor) tag specifies **where to open the linked document** when a hyperlink is clicked.

### Common values of target:

1. **\_self** (default) → Opens the link in the same tab/window.
2. **\_blank** → Opens the link in a **new tab/window**.
3. **\_parent** → Opens the link in the parent frame (used with frames).
4. **\_top** → Opens the link in the full body of the window, breaking out of frames.



### Common values of target:

1. **\_self** (default) → Opens the link in the same tab/window.
2. **\_blank** → Opens the link in a **new tab/window**.

Targetattribute.html



**Common values of target:**

**3.\_parent** → Opens the link in the parent frame (used with frames).

The **<iframe>** (Inline Frame) tag is used to **embed another HTML page/document inside the current webpage**.

- Think of it like a “**window**” **inside your page** that shows another webpage.



frame.html

```
<!DOCTYPE html>
<html>
<body>
<h2>Main Page</h2>

<iframe src="child.html" width="400" height="200"></iframe>

</body>
</html>
```



child.html

```
<!DOCTYPE html>
<html>
<body>
<h3>This is inside the iframe</h3>
```

```
<!-- This link will replace the parent page, not just the iframe -->
```

```
<a href="https://www.wikipedia.org" target="_parent">
Open Wikipedia in Parent
</a>
```

```
</body>
</html>
```



4. `_top` → Opens the link in the full body of the window, breaking out of frames.

if your page is **inside an <iframe>**, clicking this link will **replace the entire browser window with the new page**, instead of just updating the iframe.

If the page is **not inside an iframe**, `_top` behaves just like `_self` (normal open in the same tab).

```
<a href="child.html" target="_top"> Open in Full Window</a>
```



### Example 2:

```
<!DOCTYPE html>
<html>
<body>
<p>To create a link to a telephone number, use tel: inside the href attribute:</p>
<p>
<a href="tel:+91 9611400221 "> +91 9611400221 </a>
</p>
</body>
</html>
```

If your computer has a calling app (e.g., Skype, Microsoft Teams, Zoom Phone, Google Voice) and it's set as the default handler for tel: links, clicking will open that app.



## Web Design

### Hyperlink Using Anchor



This allows users to click the link to initiate a phone call on devices that support this functionality, such as smartphones and tablets.

TEL protocol is particularly useful for creating clickable phone numbers on websites, **allowing users to dial phone numbers directly from their devices.**



**(mailto:youremail@example.com)** -

This is the URL for the hyperlink. The mailto: part tells the browser to open the default email client with a new email

link is a way to create a clickable email link that

**Outlook.com** is an email service that was formerly known as Hotmail.

It provides users with a platform to send, receive, and manage their emails through a web-based interface provided by Microsoft.

It integrates with other Microsoft services, like Office Online and OneDrive.



Basic Syntax

```
<a href="mailto:recipient@example.com">Send Email</a>
```

## Adding Subject and Body

```
<a href="mailto:someone@example.com?subject=Hello&body=This%20is%20a%20test%20email.">  
    Send Email  
</a>
```



# Web Design

## Hyperlink Using Anchor

EL 1

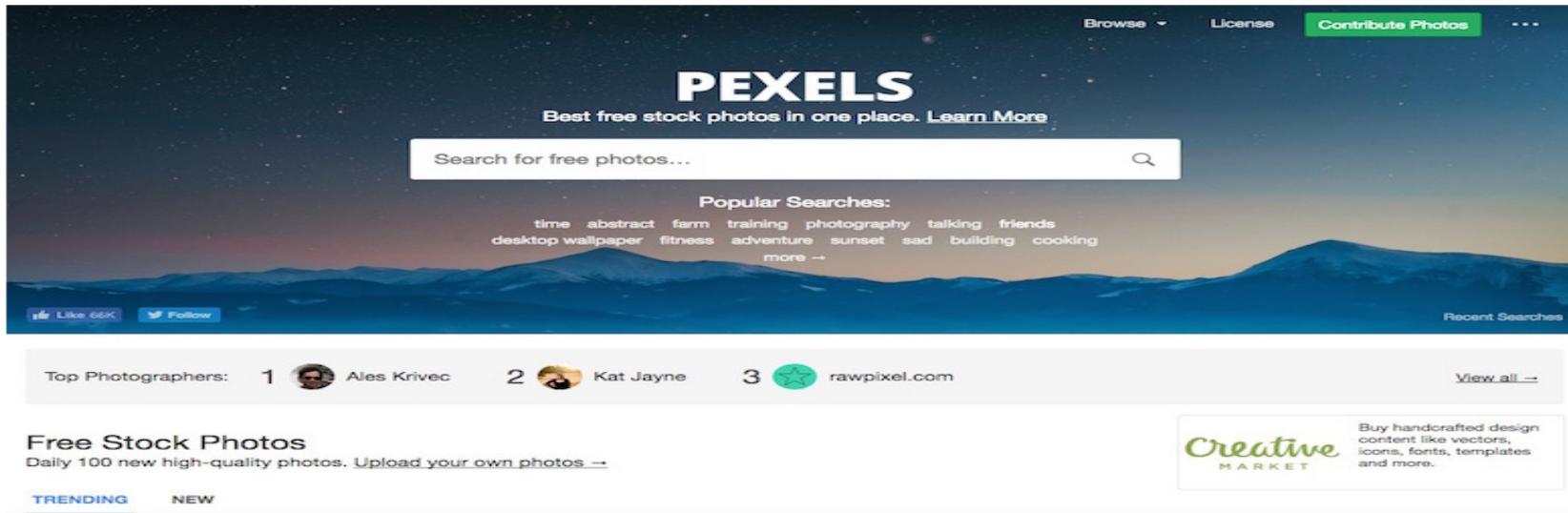
### Welcome to My Webpage

#### About Me

Hello! My name is XYZ. I am a web developer and designer who loves to create beautiful and functional websites. Below is a picture of my latest project.

#### My Latest Project

Here's an image of a website I recently designed:



The screenshot shows the homepage of Pexels, a free stock photo website. At the top, there's a navigation bar with 'Browse', 'License', 'Contribute Photos', and a three-dot menu. The main header reads 'PEXELS' with the tagline 'Best free stock photos in one place. Learn More'. Below the header is a search bar with the placeholder 'Search for free photos...'. To the right of the search bar is a magnifying glass icon. Underneath the search bar, there's a section titled 'Popular Searches:' with a list of terms like 'time', 'abstract', 'farm', 'training', 'photography', 'talking', 'friends', 'desktop wallpaper', 'fitness', 'adventure', 'sunset', 'sad', 'building', and 'cooking', followed by a 'more →' link. The background of the page features a scenic landscape of mountains under a blue sky. At the bottom left, there are social media links for 'Like 66K' and 'Follow'. On the right side, there's a 'Recent Searches' section. Below the main header, there's a 'Top Photographers' section listing 'Ales Krivec', 'Kat Jayne', and 'rawpixel.com'. There's also a 'View all →' link. At the bottom, there's a 'Free Stock Photos' section with a link to 'Daily 100 new high-quality photos. Upload your own photos →'. On the right, there's an advertisement for 'Creative MARKET' with the text 'Buy handcrafted design content like vectors, icons, fonts, templates and more.' The overall layout is clean and modern.

#### Contact Me

If you'd like to get in touch, feel free to [email me](#) or visit my [website](#) for more information.

#### More Information

For more details about my work, check out my [portfolio](#).



# THANK YOU

---

**Rajani s**  
Department of Computer Applications  
**[rajanis@pes.edu](mailto:rajanis@pes.edu)**