

# HTML `<img>` Tag

The `<img>` tag is a crucial element in HTML for embedding images. It's a self-closing tag that brings visual content to web pages. Understanding its attributes and best practices is essential for creating engaging and accessible websites.

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# Essential Attributes of the `<img>` Tag

## **src Attribute**

Specifies the image source. Can be a relative or absolute URL. Example:  
`src="images/picture.jpg"`

## **alt Attribute**

Provides alternative text for accessibility and SEO. Example:  
`alt="A scenic view of the mountains"`

## **width and height**

Define image dimensions. Can be in pixels or percentages. Example:  
`width="600" height="400"`

# Advanced Attributes and Techniques

1

## **title Attribute**

Adds a tooltip to the image. Example: `title="Mountain View"`

2

## **loading Attribute**

Controls image loading behavior. Options: "lazy" or "eager"

3

## **Responsive Images**

Use `srcset` and `sizes` attributes for different resolutions and screen sizes







# Best Practices for `<img>` Tag Usage

**1**

## **Descriptive alt Text**

Use meaningful alternative text to enhance accessibility and SEO

**2**

## **Optimize Image Size**

Compress images and use appropriate dimensions for faster loading

**3**

## **Implement Lazy Loading**

Defer loading of off-screen images to improve page performance

**4**

## **Ensure Responsiveness**

Use techniques like `srcset` to adapt images for different devices

# Examples and Implementation

Basic Image

```

```

With Dimensions

```

```

Lazy Loading

```

```

Responsive

```

```

