

Alignment with Images

In **HTML**, images are inserted using the `` tag. While modern web development relies on **CSS** for alignment, older methods exist for aligning images **without CSS**. Here's a detailed guide:

1. Using the align Attribute in `` (Deprecated but Functional)

The `align` attribute was used in **older versions of HTML** to align images **left, right, or center** within a document.

Example of align Attribute

```


 <!-- Not always supported -->
```

Issues with the align Attribute

- ❖ **Deprecated in HTML5** and **not supported** in modern browsers.
- ❖ Works **only in older HTML versions**.
- ❖ **Best practice:** Use **CSS for alignment** rather than outdated attributes.

2. Centering an Image Using `<center>` (Obsolete but Still Works)

The `<center>` tag was previously used to **center images**.

Example Using `<center>`

```
<center>
  
</center>
```

Why `<center>` Is No Longer Used?

- ❖ **Deprecated in HTML5**.
- ❖ Works in **older browsers** but **not recommended** for modern layouts.

- ❖ **Better alternative:** Use CSS (text-align: center; or margin: auto;).

3. Using a Table to Align Images (Still Works Without CSS)

Even without CSS, images can be positioned **inside a table**.

Example: Aligning an Image with <table>

```
<table width="100%">
  <tr>
    <td align="left">
      
    </td>
    <td align="center">
      
    </td>
    <td align="right">
      
    </td>
  </tr>
</table>
```

Why This Method Works?

- ❖ <td align="center"> centers the image **inside a table cell**.
- ❖ Table-based alignment is **still supported** in modern browsers.
- ❖ **Limitation:** Tables should be **used for tabular data**, not design layouts.

4. Using width and height for Alignment Control (Limited Use)

Adjusting an image's size using the width and height attributes **can simulate alignment**.

Example: Resizing an Image for Centering

```

```

Limitations

- ❖ Resizing **does not** properly align the image.
- ❖ Requires additional **spacing techniques** for proper positioning.

5. Using Line Breaks (
) for Spacing (Not Ideal but Functional)

If **CSS is not available**, you can use
 tags to **simulate spacing** around an image.

Example: Adding Space Above and Below an Image

```
<br><br><br>

<br><br><br>
```

Problems with This Approach

- ❖ **Creates unnecessary white space.**
- ❖ **Not flexible** for dynamic layouts.
- ❖ **Best alternative:** Use CSS margins instead.

6. Combining Tables with Empty Cells for Image Placement (Advanced Without CSS)

An **alternative** for image alignment **without CSS** is creating **empty table cells** to **position** the image.

Example: Using Empty Table Cells to Center an Image

```
<table width="100%">
  <tr>
    <td width="25%"></td> <!-- Empty cell for spacing -->
    <td width="50%" align="center">
      
    </td>
    <td width="25%"></td>
  </tr>
</table>
```

Why This Works?

- ❖ **Empty <td> cells** provide spacing.
- ❖ The **middle cell** (`align="center"`) centers the image within a table.
- ❖ **Still supported in HTML5**, but **not ideal for modern layouts**.

Conclusion

- ❖ **Use CSS** (`text-align`, `float`, `margin`) for proper image alignment.
- ❖ **Old HTML methods** (`align`, `<center>`, `tables`) **are functional but outdated**.
- ❖ If **CSS is unavailable**, use **tables or width adjustments**.
- ❖ **Avoid using
 for alignment**, as it **limits flexibility**.