

# Differences Between `<head>` and `<header>` Tags in HTML

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## 1 `<head>` Tag

### 1.1 Purpose and Usage

The `<head>` tag is a container for metadata (data about data) and is placed between the `<html>` and `<body>` tags. It includes information about the document that is not displayed directly on the web page.

### 1.2 Common Elements in `<head>` Tag

- **Title:** Specifies the title of the document shown in browser's title bar or page's tab.
- **Stylesheets:** Links to external CSS files.
- **Scripts:** Links to JavaScript files and inline scripts.
- **Meta Information:** Such as character set declarations, keywords, document author, viewport settings, etc.

## 2 `<header>` Tag

### 2.1 Purpose and Usage

The `<header>` tag represents introductory content or a set of navigational links. It can be used multiple times in different sections of a document.

### 2.2 Common Elements in `<header>` Tag

- **Navigation Links:** Typically contains navigation bars or menus.
- **Logo or Branding:** Often includes the site's logo or name.
- **Search Forms:** Sometimes used to house search forms.

- **Heading Elements:** Such as `<h1>` - `<h6>` tags to indicate section or page titles.

### 3 Key Differences

1. **Location in Document:** The `<head>` tag is a top-level element and is used once per page, whereas the `<header>` tag can be used multiple times in different sections of the document.
2. **Content:** The `<head>` tag contains metadata, CSS, and JavaScript links, while the `<header>` tag typically includes elements like navigation links, logos, and search forms.
3. **Display:** Content inside the `<head>` tag is not displayed on the page, while the `<header>` tag contains content that is visible to users.