

UseCases of href Attribute





The **href** attribute can be used on the following elements:



<a>



<area>



<base>



<link>



For **<a>** , the **href** attribute specifies the URL of the page the link goes to.

The diagram shows a code snippet for an anchor tag: ` Programming Hero `. Below the code, four blue arrows point to specific parts of the tag, each with a label: the first arrow points to `<a` and is labeled "opening anchor tag"; the second arrow points to `href="https://www.programming-hero.com/"` and is labeled "where it links to"; the third arrow points to `Programming Hero` and is labeled "anchor text"; the fourth arrow points to `` and is labeled "close the tag".

```
<a href="https://www.programming-hero.com/" > Programming Hero </a>
```

opening anchor tag where it links to anchor text close the tag



Linking a section of a page through href



```
<a href="#section-id"> Go to Section A </a>  
<div id="section-id">Section A</div>
```




Behave an Image as a link using href



```
<a href="website_link_here">  
    
</a>
```



Download anything using href

The target will be downloaded when a user clicks on the hyperlink



```
<a href="file_link_to_download" download>
```



Email



```
<a href="mailto:someone@gmail.com">Send email</a>
```

Phone number



```
<a href="tel:phone_number_here">Call Now</a>
```



For **<link>** elements, the **href** attribute specifies the location (URL) of the external resource (most often a style sheet file).



```
<link rel="stylesheet" type="text/css" href="theme.css">
```




For **<base>** elements, the **href** attribute specifies the base URL for all relative URLs on a page.

```

<head>
  <base href="https://www.example.com/images/">
</head>

<body>
  
</body>

```

Note: We have only specified a relative address for the image. Since we have specified a base URL in the head section, the browser will look for the image at "<https://www.example.com/images/stickman.gif>".



For **<area>** , the **href** attribute specifies the URL of the page the link goes to.



```

<map name="planetmap">
  <area shape="rect" coords="0,0,82,126" href="sun.htm" alt="Sun">
  <area shape="circle" coords="90,58,3" href="jupiter.htm" alt="Jupiter">
  <area shape="circle" coords="124,58,8" href="mars.htm" alt="Mars">
</map>
```



Linking List Items



```
<p>Reach Programming Hero at:</p>
```

```
<ul>
```

```
  <li><a href="https://www.programming-hero.com/">Website</a></li>
```

```
  <li><a href="mailto:web@programming-hero.com">Email</a></li>
```

```
  <li><a href="tel:phone_number_here">Phone</a></li>
```

```
</ul>
```