## 4.5 CSS Pseudo-classes



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- CSS pseudo-classes are special keywords used to select and style elements based on various states and conditions that cannot be represented by simple selectors.
- They allow you to apply styles to elements in specific situations, such as when they are being
  interacted with or when they have a certain state or relationship to other elements.
- Pseudo-classes are denoted by a colon (:) followed by the name of the pseudo-class.
- We'll be looking at a few different pseudo-classes and their applications, using links and other elements.

## Styling links

Text Link Text Link

Link Button

Link Button

Links can be styled differently depending on what state they are in.

Pseudo- classes	Activates when	Sample code
:link	The link is unvisited	<pre>a:link {   color: red; }</pre>

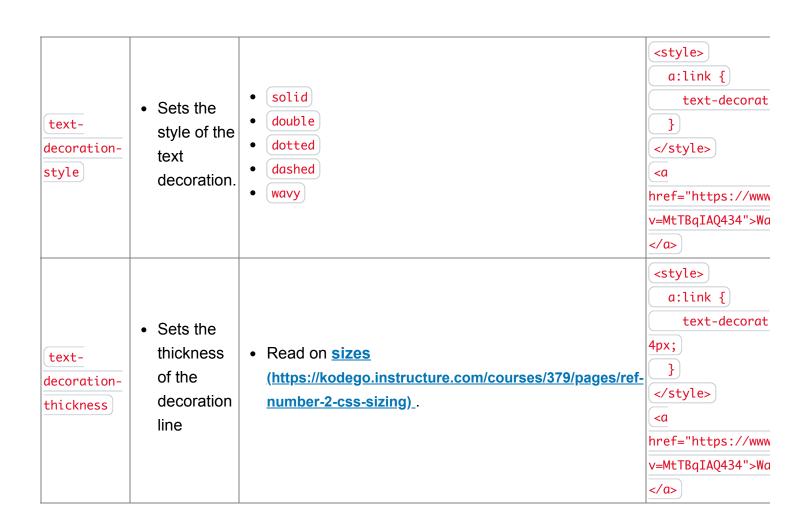
:visited	The link has been visited	<pre>a:visited {   color: green; }</pre>
:hover	The mouse is placed over the link/element	<pre>a:hover {   color: hotpink; }</pre>
:active	The link is being clicked	<pre>a:active {   color: blue; }</pre>

- When setting the style for several link states, there are some order rules:
  - (a:hover) MUST come after (a:link) and (a:visited)
  - $\circ$  a:active MUST come after a:hover

## **Text Decoration**

• The text-decoration property is mostly used to remove underlines from links:

Style	Description	Possible values	Sample code
text- decoration- line	Sets the kind of text decoration to use (like underline, overline, line-through)	• none	<pre>&lt; style&gt;     a:link {       text-decorat     }      <a href="https://www v=MtTBqIAQ434">Wa </a></pre>
text- decoration- color	Sets the color of the text decoration	Read on colors     (https://kodego.instructure.com/courses/379/pages/ref-number-3-css-colors)	<pre><style>     a:link {       text-decorat     }     </style>     <a href="https://www v=MtTBqIAQ434">Wa </a></pre>



## **Additional Material**

- References
  - W3Schools