

## 4.5 CSS Pseudo-classes



*candy rope - answered by Christian Jay Salvino*

- **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
<code>:link</code>	The link is unvisited	<pre>a:link {   color: red; }</pre>

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

- When setting the style for several link states, there are some order rules:
  - `a:hover` MUST come after `a:link` and `a:visited`
  - `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
<code>text-decoration-line</code>	<ul style="list-style-type: none"> <li>Sets the kind of text decoration to use (like underline, overline, line-through)</li> </ul>	<ul style="list-style-type: none"> <li><code>none</code></li> <li><code>underline</code></li> <li><code>overline</code></li> <li><code>line-through</code></li> </ul>	<pre>&lt; style&gt;   a:link {     text-decoration: none;   } &lt;/style&gt; &lt;a href="https://www.v=MtTBqIAQ434"&gt;Wa &lt;/a&gt;</pre>
<code>text-decoration-color</code>	<ul style="list-style-type: none"> <li>Sets the color of the text decoration</li> </ul>	<ul style="list-style-type: none"> <li>Read on <a href="https://kodego.instructure.com/courses/379/pages/reference-number-3-css-colors">colors</a> (<a href="https://kodego.instructure.com/courses/379/pages/reference-number-3-css-colors">https://kodego.instructure.com/courses/379/pages/reference-number-3-css-colors</a>)</li> </ul>	<pre>&lt;style&gt;   a:link {     text-decoration-color: red;   } &lt;/style&gt; &lt;a href="https://www.v=MtTBqIAQ434"&gt;Wa &lt;/a&gt;</pre>

<div>text-decoration-style</div>	<ul style="list-style-type: none"> <li>Sets the style of the text decoration.</li> </ul>	<ul style="list-style-type: none"> <li>solid</li> <li>double</li> <li>dotted</li> <li>dashed</li> <li>wavy</li> </ul>	<pre> &lt;style&gt; a:link { text-decoration: solid; } &lt;/style&gt; &lt;a href="https://www.v=MtTBqIAQ434"&gt;Wa &lt;/a&gt; </pre>
<div>text-decoration-thickness</div>	<ul style="list-style-type: none"> <li>Sets the thickness of the decoration line</li> </ul>	<ul style="list-style-type: none"> <li>Read on <a href="https://kodego.instructure.com/courses/379/pages/reference-number-2-css-sizing">sizes (https://kodego.instructure.com/courses/379/pages/reference-number-2-css-sizing)</a>.</li> </ul>	<pre> &lt;style&gt; a:link { text-decoration: 4px; } &lt;/style&gt; &lt;a href="https://www.v=MtTBqIAQ434"&gt;Wa &lt;/a&gt; </pre>

## Additional Material

- References
  - W3Schools