CSS Attribute Selectors

Attribute Selectors that match elements on their attribute values and attributes. The syntax consists of a square bracket [] with attribute name following a condition to match the value of the attribute. There are two categories of attribute selectors, these are;

1. Presence and Value Attribute Selectors; and
2. Substring Value

**Presence and Value Attribute Selectors**

* [attr] : Selects all elements whatever the value
* [attr = val] : Selects all elements with its value
* [attr ~= val] : Selects all elements with its value one of a space separated values

Ex:

[attr]

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<ul>

<li data-crayon>Crayon</li>

</ul>

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[data-crayon]{

color: blue;

}

Result: Crayon

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[attr=val]

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<ul>

<li data-crayon=”solid”>Crayon</li>

</ul>

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[data-crayon = “solid”]{

background-color: pink;

}

Result: Crayon

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[attr ~= val]

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<ul>

<li data-crayon=”not solid like stone”>Crayon</li>

</ul>

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[data-crayon~=”solid”]{

color: red;

}

Result: Crayon

**Substring Value Attribute Selectors**

* [attr|=val] : Selects all elements in which the value is exact or the value starts with a *val-.*
* [attr^=val] : Selects all elements in which the value starts with val
* [attr$=val] : Selects all elements in which the value ends with val.
* [attr\*=val] : Selects all elements in which the value contains a string and doesn’t treat spaces as separators

Ex:

[attr|=val]

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<i lang="fr-FR">Pierre </i>

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[lang|=fr] {

font-weight: bold;

}

Result: **Pierre**

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[attr^=val]

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<ul>

<li data-drinks=”optional liquid”>C2 Green Tea</li>

</ul>

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[data-drinks^=”optional”] {

opacity: 0.0;

}

Result:

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[attr$=val]

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<ul>

<li data-drinks=”optional liquid”>C2 Green Tea</li>

</ul>

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[data-drinks$=”liquid”] {

font-weight: bold;

}

Result: **C2 Green Tea**

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[attr\*=val]

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<ul>

<li data-drinks=”optional liquid”>C2 Green Tea</li>

</ul>

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[data-drinks\*=”optional”] {

color: green;

}

Result: C2 Green Tea