**HTML5 TAGS**

<hr> defines a thematic break in an HTML page (e.g. a shift of topic). element is most often displayed as a horizontal rule that is used to separate content (or define a change) in an HTML page.

**How to Build a HTML5 form**

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| <form> tag is used to create an HTML form for user input. element can contain one or more of the following form elements:   * <input> * <textarea> * <button> * <select> * <option> * <optgroup> * <fieldset> * <label> * <output>   **Attributes:**   |  |  |  | | --- | --- | --- | | **Attribute** | **Value** | **Description** | | accept-charset | character\_set | Specifies the character encodings that are to be used for the form submission | | action | *URL* | Specifies where to send the form-data when a form is submitted | | autocomplete | on off | Specifies whether a form should have autocomplete on or off | | enctype | application/x-www-form-urlencoded multipart/form-data text/plain | Specifies how the form-data should be encoded when submitting it to the server (only for method="post") | | method | get post | Specifies the HTTP method to use when sending form-data | | name | text | Specifies the name of a form | | novalidate | novalidate | Specifies that the form should not be validated when submitted | | rel | external help license next nofollow noopener noreferrer opener prev search | Specifies the relationship between a linked resource and the current document | | target | \_blank \_self \_parent \_top | Specifies where to display the response that is received after submitting the form | |

SELECTORS CSS3

.div {

box-sizing: border-box;

}

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| CSS Combinators  A combinator is something that explains the relationship between the selectors.  A CSS selector can contain more than one simple selector. Between the simple selectors, we can include a combinator.  There are four different combinators in CSS:   * **Descendant selector (space):** The descendant selector matches all elements that are descendants of a specified element. * **Child selector (>):** The child selector selects all elements that are the children of a specified element. * **Adjacent sibling selector (+): The adjacent sibling selector is used to select an element that is directly after another specific element.Sibling elements must have the same parent element, and "adjacent" means "immediately following".** * **General sibling selector (~): The general sibling selector selects all elements that are next siblings of a specified element.**  |  |  |  | | --- | --- | --- | | **Selector** | **Example** | **Example description** | | element element | div p | Selects all <p> elements inside <div> elements | | element>element | div > p | Selects all <p> elements where the parent is a <div> element | | element+element | div + p | Selects the first <p> element that are placed immediately after <div> elements | | element1~element2 | p ~ ul | Selects every <ul> element that are preceded by a <p> element | |

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| **CSS Attribute Selectors**   * It is possible to style HTML elements that have specific attributes or attribute values  |  |  |  | | --- | --- | --- | | **Selector** | **example** | **Example description** | | [attribute] | [target] | Selects all elements with a target attribute | | [attribute=value]t | [target=\_blank] | Selects all elements with target="\_blank" | | [attribute~=value] | [title~=flower] | Selects all elements with a title attribute containing the word "flower" | | [[attribute|=value] | [lang|=en] | Selects all elements with a lang attribute value starting with "en" | | [attribute^=value] | a[href^="https"] | Selects every <a> element whose href attribute value begins with "https" | | [attribute$=value] | a[href$=".pdf"] | Selects every <a> element whose href attribute value ends with ".pdf | | [attribute\*=value] | a[href\*="w3schools"] | Selects every <a> element whose href attribute value contains the substring "w3schools" | |