



Facens

Formulário

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HTML Forms

- `<input>` Element
- HTML Form Attributes
- The HTML `<form>` Elements
- More INPUT Types

Para testar: https://www.w3schools.com/action_page.php

<input> Element

<input> Element

<input type="text">

Displays a single-line text input field

```
<form action="https://www.w3schools.com/action_page.php">  
  <label for="fname">First name:</label><br>  
  <input type="text" id="fname" name="fname"><br>  
  <label for="lname">Last name:</label><br>  
  <input type="text" id="lname" name="lname">  
</form>
```

<input> Element

<input type="radio">

Displays a radio button (for selecting one of many choices)

```
<form>
```

```
  <input type="radio" id="html" name="fav_language" value="HTML" checked>
```

```
  <label for="html">HTML</label><br>
```

```
  <input type="radio" id="css" name="fav_language" value="CSS">
```

```
  <label for="css">CSS</label><br>
```

```
  <input type="radio" id="javascript" name="fav_language" value="JavaScript">
```

```
  <label for="javascript">JavaScript</label>
```

```
</form>
```

<input> Element

`<input type="checkbox">`

Displays a checkbox (for selecting zero or more of many choices)

```
<form>
```

```
  <input type="checkbox" id="vehicle1" name="vehicle1" value="Bike">
```

```
  <label for="vehicle1"> I have a bike</label><br>
```

```
  <input type="checkbox" id="vehicle2" name="vehicle2" value="Car">
```

```
  <label for="vehicle2"> I have a car</label><br>
```

```
  <input type="checkbox" id="vehicle3" name="vehicle3" value="Boat">
```

```
  <label for="vehicle3"> I have a boat</label>
```

```
</form>
```

<input> Element

`<input type="submit">`

Displays a submit button (for submitting the form)

```
<form action="/action_page.php">
  <label for="fname">First name:</label><br>
  <input type="text" id="fname" name="fname" value="John"><br>
  <label for="lname">Last name:</label><br>
  <input type="text" id="lname" name="lname" value="Doe"><br><br>
  <input type="submit" value="Submit">
</form>
```

Obs:

Notice that each input field must have a **name attribute** to be submitted.

If the name attribute is omitted, the value of the input field will not be sent at all.

<input> Element

```
<input type="button">
```

Displays a clickable button

```
<input type="button" value="Click me" onclick="alert('Ola!')">
```

Elementos HTML <form>

<label>

- O elemento <label> é útil para usuários de leitores de tela, porque o leitor de tela lerá o rótulo em voz alta quando o usuário focar no elemento de entrada.
- O elemento <label> também ajuda usuários que têm dificuldade em clicar em regiões muito pequenas (como botões de opção ou caixas de seleção) - porque quando o usuário clica no texto dentro do elemento <label>, ele alterna o botão de opção/caixa de seleção.
- O atributo **for** da tag <label> deve ser igual ao atributo **id** do elemento <input> para ligá-los.

<select>

```
<label for="cars">Choose a car:</label>
<select id="cars" name="cars">
  <option value="volvo">Volvo</option>
  <option value="saab">Saab</option>
  <option value="fiat">Fiat</option>
  <option value="audi">Audi</option>
</select>
```

```
selected
size="3"
multiple
```

<textarea>

```
<textarea name="message" rows="10" cols="30">
```

You can also define the size of the text area by using CSS:

The cat was playing in the garden.

```
</textarea>
```

<fieldset> e <legend>

```
<form action="/action_page.php">
  <fieldset>
    <legend>Personalia:</legend>
    <label for="fname">First name:</label><br>
    <input type="text" id="fname" name="fname" value="John"><br>
    <label for="lname">Last name:</label><br>
    <input type="text" id="lname" name="lname" value="Doe"><br><br>
    <input type="submit" value="Submit">
  </fieldset>
</form>
```

<datalist>

```
<form action="/action_page.php">
  <input list="browsers" name="browser">
    <datalist id="browsers">
      <option value="Internet Explorer">
      <option value="Firefox">
      <option value="Chrome">
      <option value="Opera">
      <option value="Safari">
    </datalist>
  <input type="submit">
</form>
```

Mais tipos de <Input>

Mais tipo de <Input>

- <input type="color">

- **<input type="date">
**
- <input type="datetime-local">

- <input type="email">

- <input type="file">

- <input type="hidden">

- <input type="image">

- <input type="month">

- **<input type="number">
**
- **<input type="password">
**

Mais tipo de <Input>

- <input type="range">
- <input type="reset">
- <input type="search">
- <input type="time">
- <input type="url">
- <input type="week">

Atributos de HTML Forms

Atributos de HTML Forms

- Action
- Target
- method
- autocomplete
 - `<form action="/action_page.php" autocomplete="on/off">`
- novalidate
 - When present, it specifies that the form-data (input) should not be validated when submitted.

- Notes on GET:

- Appends the form data to the URL, in name/value pairs
- NEVER use GET to send sensitive data! (the submitted form data is visible in the URL!)
- The length of a URL is limited (2048 characters)
- GET is good for non-secure data, like query strings in Google

- Notes on POST:

- Appends the form data inside the body of the HTTP request (the submitted form data is not shown in the URL)
- POST has no size limitations, and can be used to send large amounts of data.

Atributos Geral

Atributos

- checked
 - Specifies that an input field should be pre-selected when the page loads (for type="checkbox" or type="radio")
- disabled
 - Specifies that an input field should be disabled
- readonly
 - Specifies that an input field is read only (cannot be changed)
- size
 - Specifies the width (in characters) of an input field
- step
 - Specifies the legal number intervals for an input field
- value
 - Specifies the default value for an input field

Atributos

- multiple
- placeholder
- autofocus
- list
- autocomplete

Atributos de validação

- max
 - Specifies the maximum value for an input field
- maxlength
 - Specifies the maximum number of character for an input field
- min
 - Specifies the minimum value for an input field
- pattern
 - Specifies a regular expression to check the input value against
- required
 - Specifies that an input field is required (must be filled out)

Tarefa: Criar uma Página com o seguinte formulário enviando para o w3school:

- Data (date)
- Dados de Acesso
 - Usuário
 - Senha

- Dados Pessoais
 - Nome:
 - Endereço:
 - Numero:
 - Complemento:
 - Cidade: (datalist)
 - Estado: [select]
 - CEP:

Gênero: (radio)
☐ Masculino
☐ Feminino
☐ Prefiro não falar

Curso: (checkbox)
☐ ADS
☐ Jogos
☐ Gestão de TI
☐ Banco de Dados

Modelo (radio)
☐ Presencial
☐ EAD
☐ Semi presencial