

HTML INPUT ATTRIBUTES

HTML input validation attributes are special attributes that you can use on the `<input>` element to specify the rules and constraints for the input data. They can help you to ensure that the user enters valid and complete data before submitting the form. Some of the common HTML input validation attributes are:

- **required**: This attribute indicates that the input field must be filled out before submitting the form. For example: `<input type="text" name="name" required>`
- **minlength** and **maxlength**: These attributes specify the minimum and maximum number of characters allowed in an input field. For example: `<input type="text" name="pin" minlength="4" maxlength="4">`
- **min** and **max**: These attributes specify the minimum and maximum values for an input field of type number, range, date, datetime-local, month, time or week. For example: `<input type="number" name="age" min="18" max="100">`
- **type**: This attribute specifies the type of data expected in an input field, such as text, email, password, url, tel, etc. The browser will check if the entered data matches the specified type and display an error message if not. For example: `<input type="email" name="email">`

You can learn more about HTML input validation attributes from these sources:

- [HTML Input Attributes - W3Schools¹](#)
- [Client-side form validation - Learn web development | MDN²](#)
- [How to validate input field in the HTML Form - GeeksforGeeks³](#)