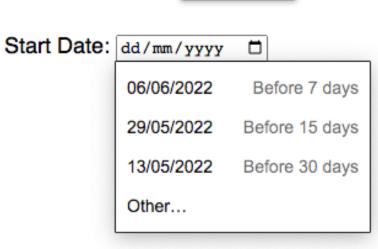
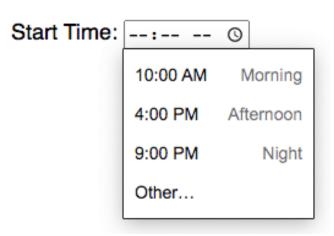


IMPROVE UX USING Clatalist>







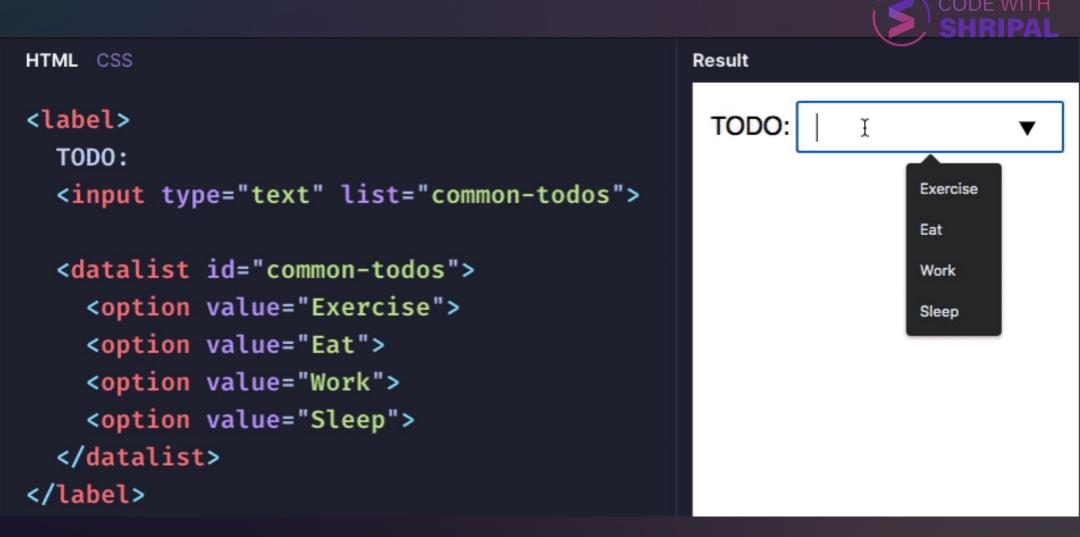




<datalist> Data List Element

<a href="data

To associate datalist with any input control, datalist must define **id** attribute and the input control should set that **id** value in **list** attribute.

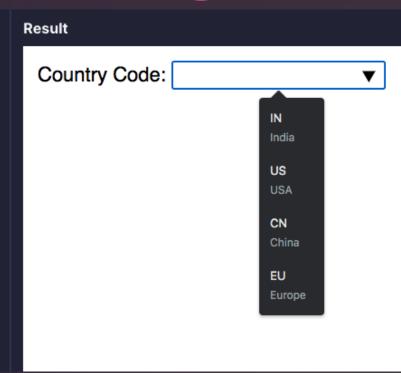


<datalist> With Label

We can also provide label to each option to provide extra information. (Firefox shows only label in this case)

When we enter any text in input control, it will search for that text in both value and label.

Label can be set either by setting **label** attribute or by setting text content in <option> element.



<datalist> With Range Input

When **datalist** is provided to range type input, it shows marker.

datalist with range input works in all modern browsers except Firefox.

```
HTML CSS
                                                Result
<label>
                                                  Scale:
  Scale:
  <input type="range" min="1" max="5"</pre>
    step="1" list="scales">
  <datalist id="scales">
    <option value="1">
    <option value="2">
    <option value="3">
    <option value="4">
    <option value="5">
  </datalist>
</label>
```

<datalist> With Color Input

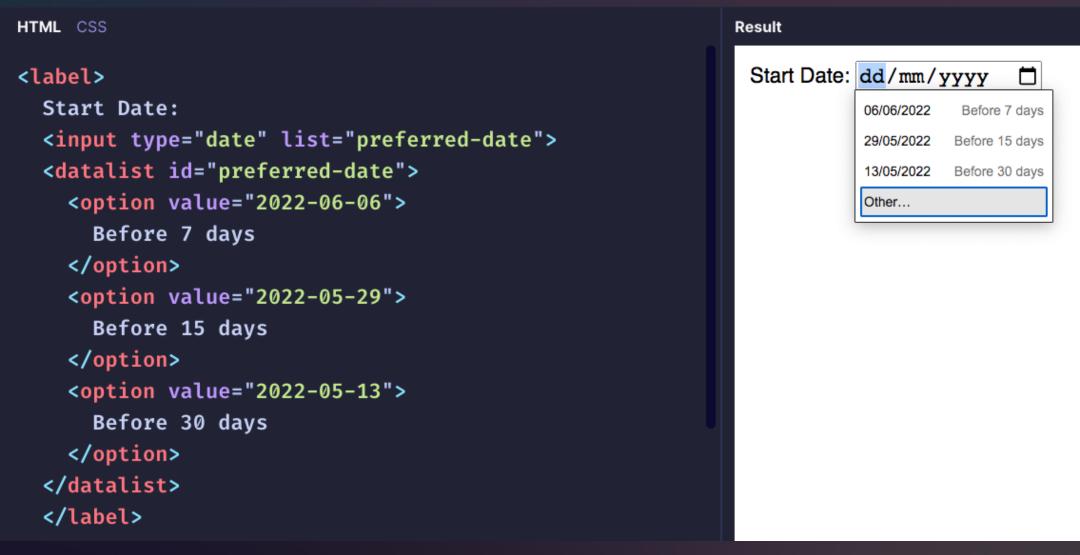
When **<datalist>** is provided to color type input, it shows those colors as swatches for quick selection.

datalist with color input works in all modern browsers except Firefox.

<datalist> With Date Input

When **datalist** is provided to date type input, it shows those dates for quick selection. It shows labels as extra information.

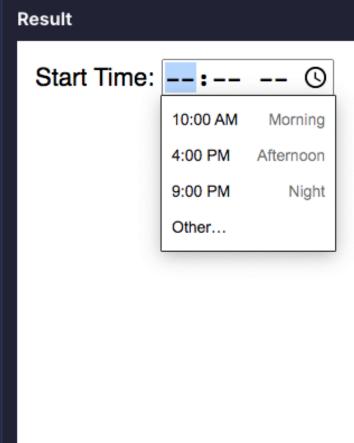
It works only in chromium-based browsers such as Chrome, Edge, Opera etc.



<datalist> With Time Input

When <datalist> is provided to time type input, it shows those time for quick selection.

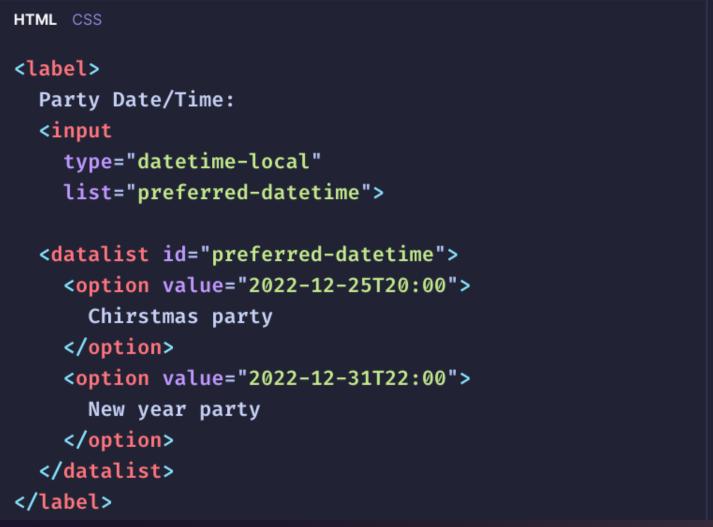
It works only in chromium-based browsers such as Chrome, Edge, Opera etc.

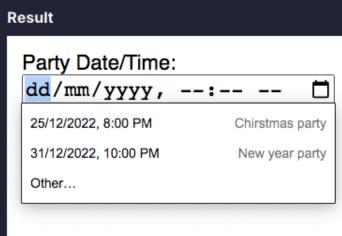


<datalist> With Datetime Input

When <datalist> is provided to datetime type input, it shows those datetime for quick selection.

It works only in chromium-based browsers such as Chrome, Edge, Opera etc.





<datalist> Limitations

- We cannot change the style or position of data list using CSS.
- We cannot control the search behavior of the data list items. That means, we cannot define when (at how many characters) to start filtering the list or when to start showing the data list.
- datalist with text input works in all the modern browsers but datalist does not work with all kinds of input in all the browsers. It is very well supported in Chromium-based browsers only.



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