

CSS Input Type Selectors - Possible to have an "or" or "not" syntax?

Asked 9 years, 1 month ago Active 1 year, 4 months ago Viewed 122k times



If they exist in programming),

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If I have an HTML form with the following inputs:



```
<input type="text" />
<input type="password" />
<input type="checkbox" />
```



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I want to apply a style to all inputs that are either `type="text"` or `type="password"` .

Alternatively, I would settle for all input's where `type != "checkbox"` .

It seems like I to have to do this:

```
input[type='text'], input[type='password']
{
    // my css
}
```

Isn't there a way to do:

```
input[type='text',type='password']
{
    // my css
}
```

or

```
input[type!='checkbox']
{
    // my css
}
```

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I had a look around, and it doesn't seem like there is a way to do this with a single CSS selector.

Not a big deal of course, but I'm just a curious cat.

Any ideas?

[html](#)[css](#)[css-selectors](#)

edited Mar 29 '16 at 17:50



RyanS

576 7 23

asked Aug 10 '10 at 2:04



RPM1984

55.9k 46 204 312

2 Answers



164



CSS3 has a pseudo-class called [:not\(\)](#).

```
input:not([type='checkbox']) {  
  visibility: hidden;  
}
```

`<p>If :not() is supported, you'll only see the checkbox.</p>`

```
<ul>  
  <li>text: (<input type="text">)</li>  
  <li>password (<input type="password">)</li>  
  <li>checkbox (<input type="checkbox">)</li>  
</ul>
```

Run code snippet

[Expand snippet](#)

Multiple selectors

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```
input:not([type='checkbox']):not([type='submit'])
```

CSS4, which is [not yet widely supported](#), allows multiple selectors in a `:not()`

```
input:not([type='checkbox'],[type='submit'])
```

Legacy support

All modern browsers support the CSS3 syntax. At the time this question was asked, we needed a fall-back for IE7 and IE8. One option was to use a polyfill like [IE9.js](#). Another was to exploit the cascade in CSS:

```
input {  
    // styles for most inputs  
}  
  
input[type=checkbox] {  
    // revert back to the original style  
}  
  
input.checkbox {  
    // for completeness, this would have worked even in IE3!  
}
```

edited May 9 '18 at 13:13

answered Aug 10 '10 at 2:19



[Patrick McElhaney](#)

38.4k 36 113 152

1 nice one! thanks. is that CSS3 selector fully supported? (i only really care about IE7+, FF3+, Safari recent, Chrome recent) – [RPM1984](#) Aug 10 '10 at 2:41

@your edit. Agreed, and i like it. Thanks. – [RPM1984](#) Aug 10 '10 at 3:02

1 It's supported in IE9+ and all other modern browsers. [quirksmode.org/css/contents.html#t37](#) – [Patrick McElhaney](#) Mar 17 '12 at 2:16

11 For the sake of completeness if you want to do multiple "not"s then this is the syntax to use: `input:not([type='checkbox']):not([type='submit'])` – [Vincent](#) Dec 27 '13 at 21:55

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```
input[type='text'], input[type='password']  
{  
  // my css  
}
```

That is the correct way to do it. Sadly CSS is not a programming language.

answered Aug 10 '10 at 2:07



[codemonkeh](#)

1,510 1 14 28

2 Oh well. CSS4 perhaps? =) – [RPM1984](#) Aug 10 '10 at 2:08

4 You could use Less CSS or Sass, though. – [vbullinger](#) Oct 3 '12 at 20:06

Less, yes! I love it. – [Barth Zalewski](#) Sep 12 '14 at 10:50

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