

# readonly div in CSS or JavaScript

Asked 6 years, 5 months ago   Active 9 months ago   Viewed 65k times

I need to make 'read-only **div**' using with CSS or JavaScript or JQuery. Not only text-box and all. Full `div` . That div contain anything(image, ,other div,text-box,...)

25

That should support by all Browser.



Any idea?



3

javascript

jquery

css

html

readonly

edited Mar 20 '13 at 6:11

asked Mar 20 '13 at 5:34



KarSho

3,035

13

37

71

## 5 Answers

You could use `pointer-events: none;` to disable mouse DOM interaction (like click, hover, etc) on certain element. Example:

49



```
div {  
  pointer-events: none;  
}
```

```
<div>  
  <input type="text" value="value" />  
  <br />  
  <textarea>value</textarea>  
</div>
```

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However, even though `pointer-events: none;` is there, it's still possible to make the cursor to be focus on the element (or it's children). Meaning if we move the cursor focus on the `<input />` tag, then it's possible to edit the value.

Example: try to click the `<input />` tag, then press **tab** in keyboard, the cursor focus will be on input, making it editable.

To make `<input />` tag **completely un-editable**, put `readonly` attribute on the tag. Below is simple example to do it by using jQuery `.prop()`. You can also put the attribute directly on the tag, depending on the needs.

```
$("input, textarea").prop("readonly", true);
```

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/2.1.1/jquery.min.js"></script>
<div>
  <input type="text" value="value" />
  <br />
  <textarea>value</textarea>
</div>
```

[Run code snippet](#)[Expand snippet](#)

edited Nov 22 '18 at 8:42

answered Mar 20 '13 at 5:43



[novalagung](#)

5,520 23 57

are you use this option to div? – [KarSho](#) Mar 20 '13 at 5:44

5 This is a bit of a hack that doesn't really work. The tags are not readonly as you can tab to them and edit to your hearts desire. Plus `pointer-events` is relatively new and not widely supported. – [Daniel Imms](#) Mar 20 '13 at 5:47

@KarSho yes, i've updated my source code. please check it – [novalagung](#) Mar 20 '13 at 5:48



You can't do this with CSS unfortunately, you're after the `readonly` attribute on HTML elements. You can pretty easily accomplish what you want using JavaScript, here's an example with jQuery.

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## HTML

```
<div class="readonly">
  <input type="text" />
  <div><input type="checkbox" /> Blah</div>
  <textarea>abc</textarea>
</div>
```

## JavaScript

```
$(document).ready(function() {
  $('.readonly').find('input, textarea, select').attr('readonly', 'readonly');
});
```

edited Mar 20 '13 at 6:02

answered Mar 20 '13 at 5:46



[Daniel Imms](#)

36.3k 7 104 142

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what about <a> tags... – [KarSho](#) Mar 20 '13 at 6:05

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<a> tags and <div> tags are read-only, do you mean stopping all interaction? – [Daniel Imms](#) Mar 20 '13 at 6:07

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yes, all things... if include Javascript action means, it's too too good. – [KarSho](#) Mar 20 '13 at 6:10

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Typically this is done by overlaying a <div> over everything so that click events don't pass through. The same thing can be achieved using Noval's pointer-events:none; in combination with this readonly attribute solution. I believe the user will still be able to tab to <a> tags though. – [Daniel Imms](#) Mar 20 '13 at 6:24

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I am afraid, you can't control elements behavior with CSS.

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CSS stands for Cascading Style Sheets - it's only for styling elements.



But you can use JavaScript .

Untested jquery example above:

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edited Mar 20 '13 at 5:42

answered Mar 20 '13 at 5:37

[Edward Ruchevits](#)

4,086 8 35 77

## Just Try With The Following :

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### Script Part :

```
<script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
<script type="text/javascript">
$(document).ready(function () {
$("#previewDiv :input").attr("disabled", true);
});
</script>
```

### HTML Part :

```
<div id="previewDiv">
<select>
  <option value="1">Option 1</option>
  <option value="2">Option 2</option>
  <option value="3">Option 3</option>
  <option value="4">Option 4</option>
</select>
<input type="text" name="test" value="test">
</div>
```

I think this may help you to resolve your problem.

answered Mar 20 '13 at 9:31

[John Peter](#)

2,501 3 23 45

```
$("#div").prop("readonly", true);
```

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9/13/2019

jquery - readonly div in CSS or JavaScript - Stack Overflow



```
<textarea>value</textarea>
</div>
```

edited Aug 29 '18 at 10:41



[Phil Roggenbuck](#)

559 1 9 23

answered Aug 29 '18 at 10:24



[sairamch](#)

1 1

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