

# How to make readonly all inputs in some div in Angular2?

Asked 2 years, 9 months ago   Active 1 year, 2 months ago   Viewed 72k times



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I have a page with many inputs, and I want to make it ' `readOnly` ' I find this solution: [How to change HTML element readonly and required attribute in Angular2 Typescript?](#)

But I don't want to do it for every input separately.

How can I add `readOnly` property to all inputs in some div.

 angular   typescript   readonly   angular2-forms

edited May 23 '17 at 11:54



Community ♦

1 1

asked Nov 29 '16 at 10:30



Max K

1,340 5 18 46

are you trying to do this in dynamic forms? – [Sriram](#) Nov 29 '16 at 10:42

Please add the code that demonstrates what you try to accomplish, what you tried and where you failed. – [Günter Zöchbauer](#) Nov 29 '16 at 10:44

## 7 Answers



75



Try this in input field:

```
[readonly]="true"
```

Hope, this will work.

edited Nov 29 '16 at 10:52

answered Nov 29 '16 at 10:40



Avnesh Shakya

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7 FWIW This does nothing to inputs of type eg. checkbox . You have to use [disabled] for that. – [im1dermike](#) May 23 '17 at 18:26

If you want to do a whole group, not just one field at a time, you can use the HTML5 <fieldset> tag.

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```
<fieldset [disabled]="killfields ? 'disabled' : null">
  <!-- fields go here -->
</fieldset>
```

edited Feb 28 '18 at 9:17



[Edric](#)

9,843 7 40 54

answered Mar 22 '17 at 14:24  
user5868538

1 This works on all browsers but IE11, be careful if you have to support it – [Andrea Gherardi](#) Mar 27 '18 at 12:34

If using reactive forms, you can also disable the entire form or any sub-set of controls in a FormGroup with myFormGroup.disable() .

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answered Jun 5 '17 at 22:10



[snort](#)

797 2 10 20

2 Doing so will effectively prevent the submit code from getting the value of the FormGroup. – [Boaz Rymland](#) Jul 23 '17 at 11:49

@BoazRymland Not true for Angular 6: FormGroup.value still available after FormGroup.disable . – [Radek Matěj](#) Jul 25 '18 at 16:21

Angular 6: Disabling a valid field results in an invalid field. – [Jamie](#) Aug 31 '18 at 7:50

If you meant disable all the inputs in an Angular form at once:



1- Reactive Forms:

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## 2- Template driven forms (NgForm):

You should get hold of the NgForm in a NgForm variable (for ex. named myNgForm) then

```
myNgForm.form.disable() // where form here is an attribute of NgForm
                        // & of type FormGroup so it accepts the disable() function
```

In case of NgForm , take care to call the disable method in the right time

To determine when to call it, You can find more details [in this Stackoverflow answer](#)

answered Jul 3 '18 at 21:10



Ahmed Elkoussy  
2,409 3 20 43

All inputs should be replaced with custom directive that reads a single global variable to toggle readonly status.

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```
// template
<your-input [readonly]="!childmessage"></your-input>
```

```
// component value
childmessage = false;
```

edited Jun 21 '17 at 16:20



polkovnikov.ph  
3,423 4 30 66

answered Jun 21 '17 at 12:02



Leo Lanese  
177 4

- 1 Please, add description to your answer. From a professional point of view I may guess that you mean that all inputs should be replaced with custom directive that reads a single global variable to toggle readonly status. But it might be wrong, and certainly is not obvious for most of the readers. – [polkovnikov.ph](#) Jun 21 '17 at 16:18

Just set css property of container div 'pointer-events' as none i.e. 'pointer-events:none;'

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This does not work - you can still use the tab key to get to the fields. – user5868538 Mar 22 '17 at 14:08

This does work, to prevent the tab selection, set tabindex="-1" attribute on the element. – [Karanvir Kang](#) Oct 24 '17 at 19:40

@KaranvirKang tabindex = -1 defies accessebility – [Ankit Raonka](#) Nov 8 '17 at 11:46



You can do like this. Open a ts file ad there make an interface with inputs you want and in the page you want to show under export class write

-1



```
readonly yourinterface = yourinterface  
readonly level: number[] = [];
```

and in your template do like this \*ngFor="let yourtype of yourinterface"

answered Nov 28 '17 at 9:08  
user8956519

**protected** by [eyllanesc](#) Jul 3 '18 at 21:12

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