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# rc-slider TS

10.5.0 • Public • Published 4 months ago

[Readme](#)[Code](#) Beta[3 Dependencies](#)[1,467 Dependents](#)[169 Versions](#)

## rc-slider

Slider UI component for React

**NPM version** [downloads](#) **7.4M/month** [CI](#) **passing** [coverage](#) **100%** [minzipped size](#) **8.4 KB** [docs by](#) **dumi**

## Install

```
npm install rc-slider
3 dependencies version 10.5.0
updated 4 months ago
```

## Example

`npm start` and then go to <http://localhost:8000>

Online examples: <https://slider.react-component.now.sh/>

## Usage

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### Slider

---

```
import Slider from 'rc-slider';
import 'rc-slider/assets/index.css';

export default () => (
  <>
    <Slider />
  </>
);
```

### Range

---






Please refer to [#825](#) for information regarding usage of `Range`. An example:

```
import Slider, { Range } from 'rc-slider';
import 'rc-slider/assets/index.css';

export default () => (
  <>
    <Slider range />
  </>
);
```

### Compatibility

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<b>IE / Edge</b>	<b>Firefox</b>	<b>Chrome</b>	<b>Safari</b>	<b>Electron</b>
IE11, Edge	last 2 versions	last 2 versions	last 2 versions	last 2 versions

## API

### createSliderWithTooltip(Slider | Range) => React.Component

An extension to make Slider or Range support Tooltip on handle.

```
const Slider = require('rc-slider');
const createSliderWithTooltip = Slider.createSliderWithTooltip;
const Range = createSliderWithTooltip(Slider.Range);
```

### Online demo

After Range or Slider was wrapped by createSliderWithTooltip, it will have the following props:

Name	Type	Default	Description
tipFormatter	(value: number): React.ReactNode	<code>value =&gt; value</code>	A function to format tooltip's overlay
tipProps	Object	<code>{   placement: 'top',   prefixCls: 'rc-slider-tooltip',   overlay:     tipFormatter(value) }</code>	A function to format tooltip's overlay

### Common API

The following APIs are shared by Slider and Range.

Name	Type	Default	Description
className	string	<code>''</code>	Additional CSS class for the root DOM node
min	number	<code>0</code>	The minimum value of the slider
max	number	<code>100</code>	The maximum value of the slider
marks	<code>{number: ReactNode}</code> or <code>{number: {style, label}}</code>	<code>{}</code>	Marks on the slider. The key determines the position, and the value determines what will show. If you want to set the style of a specific mark point, the value should be an object which contains <code>style</code> and <code>label</code> properties.
step	number or <code>null</code>	<code>1</code>	Value to be added or subtracted on each step the slider makes. Must be greater than zero, and <code>max - min</code> should be evenly divisible by the step value. When <code>marks</code> is not an empty object, <code>step</code> can be set to <code>null</code> , to make <code>marks</code> as steps.

Name	Type	Default	Description
vertical	boolean	false	If vertical is <code>true</code> , the slider will be vertical.
handle	(props) => React.ReactNode		A handle generator which could be used to customized handle.
included	boolean	true	If the value is <code>true</code> , it means a continuous value interval, otherwise, it is a independent value.
reverse	boolean	false	If the value is <code>true</code> , it means the component is rendered reverse.
disabled	boolean	false	If <code>true</code> , handles can't be moved.
keyboard	boolean	true	Support using keyboard to move handlers.
dots	boolean	false	When the <code>step</code> value is greater than 1, you can set the <code>dots</code> to <code>true</code> if you want to render the slider with dots.
onBeforeChange	Function	NOOP	<code>onBeforeChange</code> will be triggered when <code>ontouchstart</code> or <code>onmousedown</code> is triggered.

Name	Type	Default	Description
onChange	Function	NOOP	onChange will be triggered while the value of Slider changing.
onChangeComplete	Function	NOOP	onChangeComplete will be triggered when onTouchend or onMouseup is triggered.
minimumTrackStyle	Object		please use trackStyle instead. (only used for slider, just for compatibility , will be deprecate at rc-slider@9.x )
maximumTrackStyle	Object		please use railStyle instead (only used for slider, just for compatibility , will be deprecate at rc-slider@9.x )
handleStyle	Array[Object]   Object	[{}]	The style used for handle. (both for slider( Object ) and range( Array of Object ), the array will be used for multi handle

Name	Type	Default	Description
			following element order )
trackStyle	Array[Object]   Object	[{}]	The style used for track. ( both for slider( Object ) and range( Array of Object ), the array will be used for multi track following element order )
railStyle	Object	{}	The style used for the track base color.
dotStyle	Object   (dotValue) => Object	{}	The style used for the dots.
activeDotStyle	Object   (dotValue) => Object	{}	The style used for the active dots.

## Slider

Name	Type	Default	Description
defaultValue	number	0	Set initial value of slider.
value	number	-	Set current value of slider.
startPoint	number	undefined	Track starts from this value.

Name	Type	Default	Description
			If <code>undefined</code> , <code>min</code> is used.
<code>tabIndex</code>	number	0	Set the <code>tabIndex</code> of the slider handle.
<code>ariaLabelForHandle</code>	string	-	Set the <code>aria-label</code> attribute on the slider handle.
<code>ariaLabelledByForHandle</code>	string	-	Set the <code>aria-labelledby</code> attribute on the slider handle.
<code>ariaValueTextFormatterForHandle</code>	(value) => string	-	A function to set the <code>aria-valuetext</code> attribute on the slider handle. It receives the current value of the slider and returns a formatted string describing the value. See <a href="#">WAI-ARIA Authoring Practices 1.1</a>



Name	Type	Default	Description
			for more information.

Range

Name	Type	Default	Descripti
defaultValue	number[ ]	[ 0, 0 ]	Set initial positions o handles.
value	number[ ]		Set current positions o handles.
tabIndex	number[]	[ 0, 0 ]	Set the tabIndex of each handl
ariaLabelGroupForHandles	Array[string]	-	Set the ar label attribute or each handl
ariaLabelledByGroupForHandles	Array[string]	-	Set the ar labelled attribute or each handl
ariaValueTextFormatterGroupForHandles	Array[(value) => string]	-	A function t set the ar: valuetex attribute or each handl receives the

Name	Type	Default	Description
			current value of the slider and returns a formatted string describing the value. See <a href="#">WAI-ARIA Authoring Practices 1.2</a> for more information.
count	number	1	Determine how many range handles will be rendered (number + 1).
allowCross	boolean	true	allowCross could be set to true to allow those handles to cross.
pushable	boolean or number	false	pushable could be set to true to allow pushing of surrounding handles when moving a handle. When

Name	Type	Default	Descripti
			set to a number, th number wil the minimu ensured distance between handles. Example:
draggableTrack	boolean	false	Open the tr drag. open after click c the track w be invalid.

## SliderTooltip

The Tooltip Component that keep following with content.

## Development

```
npm install
npm start
```

## Test Case

```
npm run test
```

## Coverage

```
npm run coverage
```

# License

`rc-slider` is released under the MIT license.

## Keywords

react react-component react-slider slider input range

## Install

```
> npm i rc-slider
```

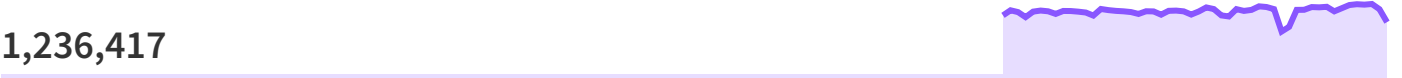
## Repository

 [github.com/react-component/slider](https://github.com/react-component/slider)

## Homepage

 [github.com/react-component/slider/](https://github.com/react-component/slider/)

## Weekly Downloads



Version	License
10.5.0	MIT
Unpacked Size	Total Files
151 kB	64

Issues	Pull Requests
228	36

## Last publish

4 months ago

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