 [Chart.js](http://docs.google.com/docs/3.9.1/)

[Home](http://docs.google.com/docs/3.9.1/)

[API](http://docs.google.com/docs/3.9.1/api/)

[Samples](http://docs.google.com/docs/3.9.1/samples/)

Ecosystem Ecosystem

* [Awesome (opens new window)](https://github.com/chartjs/awesome)
* [Slack (opens new window)](https://chartjs-slack.herokuapp.com/)
* [Stack Overflow (opens new window)](https://stackoverflow.com/questions/tagged/chart.js)

[GitHub (opens new window)](https://github.com/chartjs/Chart.js)

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* [Chart.js](http://docs.google.com/docs/3.9.1/)
* Getting Started
* General
* Configuration
* Chart Types
  + [Area Chart](http://docs.google.com/docs/3.9.1/charts/area.html)
  + [Bar Chart](http://docs.google.com/docs/3.9.1/charts/bar.html)
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  + [Line Chart](http://docs.google.com/docs/3.9.1/charts/line.html)
  + [Mixed Chart Types](http://docs.google.com/docs/3.9.1/charts/mixed.html)
  + [Polar Area Chart](http://docs.google.com/docs/3.9.1/charts/polar.html)
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* Axes
* Developers

[**#**](#gjdgxs) Area Chart

Both [line](http://docs.google.com/docs/3.9.1/charts/line.html) and [radar](http://docs.google.com/docs/3.9.1/charts/radar.html) charts support a fill option on the dataset object which can be used to create space between two datasets or a dataset and a boundary, i.e. the scale origin, start, or end (see [filling modes](#30j0zll)).

Note

This feature is implemented by the [filler plugin (opens new window)](https://github.com/chartjs/Chart.js/blob/master/src/plugins/plugin.filler/index.js).

## [**#**](#30j0zll) Filling modes

| Mode | Type | Values |
| --- | --- | --- |
| Absolute dataset index | number | 1, 2, 3, ... |
| Relative dataset index | string | '-1', '-2', '+1', ... |
| Boundary | string | 'start', 'end', 'origin' |
| Disabled 1 | boolean | false |
| Stacked value below | string | 'stack' |
| Axis value | object | { value: number; } |
| Shape (fill inside line) | string | 'shape' |

1 for backward compatibility, fill: true is equivalent to fill: 'origin'

### [**#**](#1fob9te) Example

new Chart(ctx, {  
 data: {  
 datasets: [  
 {fill: 'origin'}, // 0: fill to 'origin'  
 {fill: '+2'}, // 1: fill to dataset 3  
 {fill: 1}, // 2: fill to dataset 1  
 {fill: false}, // 3: no fill  
 {fill: '-2'}, // 4: fill to dataset 2  
 {fill: {value: 25}} // 5: fill to axis value 25  
 ]  
 }  
});

If you need to support multiple colors when filling from one dataset to another, you may specify an object with the following option :

| Param | Type | Description |
| --- | --- | --- |
| target | number, string, boolean, object | The accepted values are the same as the filling mode values, so you may use absolute and relative dataset indexes and/or boundaries. |
| above | Color | If no color is set, the default color will be the background color of the chart. |
| below | Color | Same as the above. |

### [**#**](#3znysh7) Example with multiple colors

new Chart(ctx, {  
 data: {  
 datasets: [  
 {  
 fill: {  
 target: 'origin',  
 above: 'rgb(255, 0, 0)', // Area will be red above the origin  
 below: 'rgb(0, 0, 255)' // And blue below the origin  
 }  
 }  
 ]  
 }  
});

## [**#**](#2et92p0) Configuration

Namespace: options.plugins.filler

| Option | Type | Default | Description |
| --- | --- | --- | --- |
| drawTime | string | beforeDatasetDraw | Filler draw time. Supported values: 'beforeDraw', 'beforeDatasetDraw', 'beforeDatasetsDraw' |
| [propagate](#tyjcwt) | boolean | true | Fill propagation when target is hidden. |

### [**#**](#tyjcwt) propagate

propagate takes a boolean value (default: true).

If true, the fill area will be recursively extended to the visible target defined by the fill value of hidden dataset targets:

#### [**#**](#3dy6vkm) Example using propagate

new Chart(ctx, {  
 data: {  
 datasets: [  
 {fill: 'origin'}, // 0: fill to 'origin'  
 {fill: '-1'}, // 1: fill to dataset 0  
 {fill: 1}, // 2: fill to dataset 1  
 {fill: false}, // 3: no fill  
 {fill: '-2'} // 4: fill to dataset 2  
 ]  
 },  
 options: {  
 plugins: {  
 filler: {  
 propagate: true  
 }  
 }  
 }  
});

propagate: true: -if dataset 2 is hidden, dataset 4 will fill to dataset 1 -if dataset 2 and 1 are hidden, dataset 4 will fill to 'origin'

propagate: false: -if dataset 2 and/or 4 are hidden, dataset 4 will not be filled

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←  [Tooltip](http://docs.google.com/docs/3.9.1/configuration/tooltip.html)   [Bar Chart](http://docs.google.com/docs/3.9.1/charts/bar.html)  →