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

* [Information](http://docs.google.com/docs/3.9.1/samples/information.html)
* Bar Charts
* Line Charts
* Other charts
* Area charts
* Scales
* Scale Options
* Legend
  + [Events](http://docs.google.com/docs/3.9.1/samples/legend/events.html)
  + [HTML Legend](http://docs.google.com/docs/3.9.1/samples/legend/html.html)
  + [Point Style](http://docs.google.com/docs/3.9.1/samples/legend/point-style.html)
  + [Position](http://docs.google.com/docs/3.9.1/samples/legend/position.html)
  + [Alignment and Title Position](http://docs.google.com/docs/3.9.1/samples/legend/title.html)
* Title
* Subtitle
* Tooltip
* Scriptable Options
* Animations
* Advanced
* Plugins
* [Utils](http://docs.google.com/docs/3.9.1/samples/utils.html)

[**#**](#gjdgxs) Events

This sample demonstrates how to use the event hooks to highlight chart elements.

config handleHover handleLeave data

const config = { type: 'pie', data: data, options: { plugins: { legend: { onHover: handleHover, onLeave: handleLeave } } } };

const config = {  
 type: 'pie',  
 data: data,  
 options: {  
 plugins: {  
 legend: {  
 onHover: handleHover,  
 onLeave: handleLeave  
 }  
 }  
 }  
};

// Append '4d' to the colors (alpha channel), except for the hovered index function handleHover(evt, item, legend) { legend.chart.data.datasets[0].backgroundColor.forEach((color, index, colors) => { colors[index] = index === item.index || color.length === 9 ? color : color + '4D'; }); legend.chart.update(); }

// Append '4d' to the colors (alpha channel), except for the hovered index  
function handleHover(evt, item, legend) {  
 legend.chart.data.datasets[0].backgroundColor.forEach((color, index, colors) => {  
 colors[index] = index === item.index || color.length === 9 ? color : color + '4D';  
 });  
 legend.chart.update();  
}

// Removes the alpha channel from background colors function handleLeave(evt, item, legend) { legend.chart.data.datasets[0].backgroundColor.forEach((color, index, colors) => { colors[index] = color.length === 9 ? color.slice(0, -2) : color; }); legend.chart.update(); }

// Removes the alpha channel from background colors  
function handleLeave(evt, item, legend) {  
 legend.chart.data.datasets[0].backgroundColor.forEach((color, index, colors) => {  
 colors[index] = color.length === 9 ? color.slice(0, -2) : color;  
 });  
 legend.chart.update();  
}

const data = { labels: ['Red', 'Blue', 'Yellow', 'Green', 'Purple', 'Orange'], datasets: [{ label: '# of Votes', data: [12, 19, 3, 5, 2, 3], borderWidth: 1, backgroundColor: ['#CB4335', '#1F618D', '#F1C40F', '#27AE60', '#884EA0', '#D35400'], }] };

const data = {  
 labels: ['Red', 'Blue', 'Yellow', 'Green', 'Purple', 'Orange'],  
 datasets: [{  
 label: '# of Votes',  
 data: [12, 19, 3, 5, 2, 3],  
 borderWidth: 1,  
 backgroundColor: ['#CB4335', '#1F618D', '#F1C40F', '#27AE60', '#884EA0', '#D35400'],  
 }]  
};

## [**#**](#30j0zll) Docs

* [Doughnut and Pie Charts](http://docs.google.com/docs/3.9.1/charts/doughnut.html)
* [Legend](http://docs.google.com/docs/3.9.1/configuration/legend.html)
  + onHover
  + onLeave

Last Updated: 8/3/2022, 12:46:38 PM

←  [Title Configuration](http://docs.google.com/docs/3.9.1/samples/scale-options/titles.html)   [HTML Legend](http://docs.google.com/docs/3.9.1/samples/legend/html.html)  →