 [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)

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

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Ecosystem Ecosystem

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* [Stack Overflow (opens new window)](https://stackoverflow.com/questions/tagged/chart.js)

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

* API
  + [Exports](http://docs.google.com/docs/3.9.1/api/)
  + Enumerations
  + Classes
  + Interfaces
    - [ActiveDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/ActiveDataPoint.html)
    - [ActiveElement](http://docs.google.com/docs/3.9.1/api/interfaces/ActiveElement.html)
    - [AnimationEvent](http://docs.google.com/docs/3.9.1/api/interfaces/AnimationEvent.html)
    - [ArcBorderRadius](http://docs.google.com/docs/3.9.1/api/interfaces/ArcBorderRadius.html)
    - [ArcElement](http://docs.google.com/docs/3.9.1/api/interfaces/ArcElement.html)
    - [ArcHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ArcHoverOptions.html)
    - [ArcOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ArcOptions.html)
    - [ArcProps](http://docs.google.com/docs/3.9.1/api/interfaces/ArcProps.html)
    - [BarControllerChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BarControllerChartOptions.html)
    - [BarControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BarControllerDatasetOptions.html)
    - [BarElement](http://docs.google.com/docs/3.9.1/api/interfaces/BarElement.html)
    - [BarHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BarHoverOptions.html)
    - [BarOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BarOptions.html)
    - [BarProps](http://docs.google.com/docs/3.9.1/api/interfaces/BarProps.html)
    - [BorderRadius](http://docs.google.com/docs/3.9.1/api/interfaces/BorderRadius.html)
    - [BubbleControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BubbleControllerDatasetOptions.html)
    - [BubbleDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/BubbleDataPoint.html)
    - [CartesianScaleOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CartesianScaleOptions.html)
    - [CartesianScaleTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/CartesianScaleTypeRegistry.html)
    - [ChartArea](http://docs.google.com/docs/3.9.1/api/interfaces/ChartArea.html)
    - [ChartComponent](http://docs.google.com/docs/3.9.1/api/interfaces/ChartComponent.html)
    - [ChartConfiguration](http://docs.google.com/docs/3.9.1/api/interfaces/ChartConfiguration.html)
    - [ChartConfigurationCustomTypesPerDataset](http://docs.google.com/docs/3.9.1/api/interfaces/ChartConfigurationCustomTypesPerDataset.html)
    - [ChartData](http://docs.google.com/docs/3.9.1/api/interfaces/ChartData.html)
    - [ChartDataCustomTypesPerDataset](http://docs.google.com/docs/3.9.1/api/interfaces/ChartDataCustomTypesPerDataset.html)
    - [ChartDatasetProperties](http://docs.google.com/docs/3.9.1/api/interfaces/ChartDatasetProperties.html)
    - [ChartDatasetPropertiesCustomTypesPerDataset](http://docs.google.com/docs/3.9.1/api/interfaces/ChartDatasetPropertiesCustomTypesPerDataset.html)
    - [ChartEvent](http://docs.google.com/docs/3.9.1/api/interfaces/ChartEvent.html)
    - [ChartTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/ChartTypeRegistry.html)
    - [CommonElementOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CommonElementOptions.html)
    - [CommonHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CommonHoverOptions.html)
    - [ComplexFillTarget](http://docs.google.com/docs/3.9.1/api/interfaces/ComplexFillTarget.html)
    - [ControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html)
    - [CoreChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreChartOptions.html)
    - [CoreInteractionOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html)
    - [CoreScaleOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreScaleOptions.html)
    - [DatasetControllerChartComponent](http://docs.google.com/docs/3.9.1/api/interfaces/DatasetControllerChartComponent.html)
    - [DateAdapter](http://docs.google.com/docs/3.9.1/api/interfaces/DateAdapter.html)
    - [Defaults](http://docs.google.com/docs/3.9.1/api/interfaces/Defaults.html)
    - [DoughnutAnimationOptions](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutAnimationOptions.html)
    - [DoughnutController](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutController.html)
    - [DoughnutControllerChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutControllerChartOptions.html)
    - [DoughnutControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutControllerDatasetOptions.html)
    - [DoughnutMetaExtensions](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutMetaExtensions.html)
    - [Element](http://docs.google.com/docs/3.9.1/api/interfaces/Element.html)
    - [ElementOptionsByType](http://docs.google.com/docs/3.9.1/api/interfaces/ElementOptionsByType.html)
    - [ExtendedPlugin](http://docs.google.com/docs/3.9.1/api/interfaces/ExtendedPlugin.html)
    - [FillerControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/FillerControllerDatasetOptions.html)
    - [FillerOptions](http://docs.google.com/docs/3.9.1/api/interfaces/FillerOptions.html)
    - [FontSpec](http://docs.google.com/docs/3.9.1/api/interfaces/FontSpec.html)
    - [GridLineOptions](http://docs.google.com/docs/3.9.1/api/interfaces/GridLineOptions.html)
    - [InteractionItem](http://docs.google.com/docs/3.9.1/api/interfaces/InteractionItem.html)
    - [InteractionModeMap](http://docs.google.com/docs/3.9.1/api/interfaces/InteractionModeMap.html)
    - [InteractionOptions](http://docs.google.com/docs/3.9.1/api/interfaces/InteractionOptions.html)
    - [LayoutItem](http://docs.google.com/docs/3.9.1/api/interfaces/LayoutItem.html)
    - [LegendElement](http://docs.google.com/docs/3.9.1/api/interfaces/LegendElement.html)
    - [LegendItem](http://docs.google.com/docs/3.9.1/api/interfaces/LegendItem.html)
    - [LegendOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LegendOptions.html)
    - [LineControllerChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineControllerChartOptions.html)
    - [LineControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineControllerDatasetOptions.html)
    - [LineElement](http://docs.google.com/docs/3.9.1/api/interfaces/LineElement.html)
    - [LineHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineHoverOptions.html)
    - [LineOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineOptions.html)
    - [LineProps](http://docs.google.com/docs/3.9.1/api/interfaces/LineProps.html)
    - [ParsingOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ParsingOptions.html)
    - [Plugin](http://docs.google.com/docs/3.9.1/api/interfaces/Plugin.html)
    - [PluginChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PluginChartOptions.html)
    - [PluginOptionsByType](http://docs.google.com/docs/3.9.1/api/interfaces/PluginOptionsByType.html)
    - [Point](http://docs.google.com/docs/3.9.1/api/interfaces/Point.html)
    - [PointElement](http://docs.google.com/docs/3.9.1/api/interfaces/PointElement.html)
    - [PointHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PointHoverOptions.html)
    - [PointOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PointOptions.html)
    - [PointPrefixedHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PointPrefixedHoverOptions.html)
    - [PointPrefixedOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PointPrefixedOptions.html)
    - [PointProps](http://docs.google.com/docs/3.9.1/api/interfaces/PointProps.html)
    - [PolarAreaController](http://docs.google.com/docs/3.9.1/api/interfaces/PolarAreaController.html)
    - [PolarAreaControllerChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PolarAreaControllerChartOptions.html)
    - [PolarAreaControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PolarAreaControllerDatasetOptions.html)
    - [RadarControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/RadarControllerDatasetOptions.html)
    - [RadialLinearScale](http://docs.google.com/docs/3.9.1/api/interfaces/RadialLinearScale.html)
    - [RadialScaleTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/RadialScaleTypeRegistry.html)
    - [Registry](http://docs.google.com/docs/3.9.1/api/interfaces/Registry.html)
    - [ScaleTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/ScaleTypeRegistry.html)
    - [ScatterDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/ScatterDataPoint.html)
    - [ScriptableCartesianScaleContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableCartesianScaleContext.html)
    - [ScriptableChartContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableChartContext.html)
    - [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)
    - [ScriptableLineSegmentContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableLineSegmentContext.html)
    - [ScriptableScaleContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableScaleContext.html)
    - [ScriptableScalePointLabelContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableScalePointLabelContext.html)
    - [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)
    - [Segment](http://docs.google.com/docs/3.9.1/api/interfaces/Segment.html)
    - [Tick](http://docs.google.com/docs/3.9.1/api/interfaces/Tick.html)
    - [TickOptions](http://docs.google.com/docs/3.9.1/api/interfaces/TickOptions.html)
    - [TimeScale](http://docs.google.com/docs/3.9.1/api/interfaces/TimeScale.html)
    - [TitleOptions](http://docs.google.com/docs/3.9.1/api/interfaces/TitleOptions.html)
    - [Tooltip](http://docs.google.com/docs/3.9.1/api/interfaces/Tooltip.html)
    - [TooltipCallbacks](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipCallbacks.html)
    - [TooltipItem](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipItem.html)
    - [TooltipLabelStyle](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipLabelStyle.html)
    - [TooltipModel](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipModel.html)
    - [TooltipOptions](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipOptions.html)
    - [TooltipPosition](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipPosition.html)
    - [TooltipPositionerMap](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipPositionerMap.html)
    - [TypedRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/TypedRegistry.html)
    - [VisualElement](http://docs.google.com/docs/3.9.1/api/interfaces/VisualElement.html)

[**#**](#gjdgxs) Interface: TooltipOptions<TType>

## [**#**](#30j0zll) Type parameters

| Name | Type |
| --- | --- |
| TType | extends [ChartType](http://docs.google.com/docs/3.9.1/api/#charttype) = [ChartType](http://docs.google.com/docs/3.9.1/api/#charttype) |

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

* [CoreInteractionOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html)  
  ↳ **TooltipOptions**

## [**#**](#3znysh7) Properties

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

• **animation**: [AnimationSpec](http://docs.google.com/docs/3.9.1/api/#animationspec)<TType>

#### [**#**](#tyjcwt) Defined in

[index.esm.d.ts:2784 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2784)

### [**#**](#3dy6vkm) animations

• **animations**: [AnimationsSpec](http://docs.google.com/docs/3.9.1/api/#animationsspec)<TType>

#### [**#**](#1t3h5sf) Defined in

[index.esm.d.ts:2785 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2785)

### [**#**](#4d34og8) axis

• **axis**: [InteractionAxis](http://docs.google.com/docs/3.9.1/api/#interactionaxis)

Defines which directions are used in calculating distances. Defaults to 'x' for 'index' mode and 'xy' in dataset and 'nearest' modes.

#### [**#**](#2s8eyo1) Inherited from

[CoreInteractionOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html).[axis](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html#axis)

#### [**#**](#17dp8vu) Defined in

[index.esm.d.ts:1439 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1439)

### [**#**](#3rdcrjn) backgroundColor

• **backgroundColor**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Background color of the tooltip.

**default** 'rgba(0, 0, 0, 0.8)'

#### [**#**](#26in1rg) Defined in

[index.esm.d.ts:2642 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2642)

### [**#**](#lnxbz9) bodyAlign

• **bodyAlign**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[TextAlign](http://docs.google.com/docs/3.9.1/api/#textalign), [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Horizontal alignment of the body text lines.

**default** 'left'

#### [**#**](#35nkun2) Defined in

[index.esm.d.ts:2692 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2692)

### [**#**](#1ksv4uv) bodyColor

• **bodyColor**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Color of body

**default** '#fff'

#### [**#**](#44sinio) Defined in

[index.esm.d.ts:2682 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2682)

### [**#**](#2jxsxqh) bodyFont

• **bodyFont**: [ScriptableAndScriptableOptions](http://docs.google.com/docs/3.9.1/api/#scriptableandscriptableoptions)<Partial<[FontSpec](http://docs.google.com/docs/3.9.1/api/interfaces/FontSpec.html)>, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

See Fonts.

**default** {}

#### [**#**](#z337ya) Defined in

[index.esm.d.ts:2687 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2687)

### [**#**](#3j2qqm3) bodySpacing

• **bodySpacing**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Spacing to add to top and bottom of each tooltip item.

**default** 2

#### [**#**](#1y810tw) Defined in

[index.esm.d.ts:2677 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2677)

### [**#**](#4i7ojhp) borderColor

• **borderColor**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Color of the border.

**default** 'rgba(0, 0, 0, 0)'

#### [**#**](#2xcytpi) Defined in

[index.esm.d.ts:2767 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2767)

### [**#**](#1ci93xb) borderWidth

• **borderWidth**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Size of the border.

**default** 0

#### [**#**](#3whwml4) Defined in

[index.esm.d.ts:2772 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2772)

### [**#**](#2bn6wsx) boxHeight

• **boxHeight**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Height of the color box if displayColors is true.

**default** bodyFont.size

#### [**#**](#qsh70q) Defined in

[index.esm.d.ts:2757 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2757)

### [**#**](#3as4poj) boxPadding

• **boxPadding**: number

Padding between the color box and the text.

**default** 1

#### [**#**](#1pxezwc) Defined in

[index.esm.d.ts:2647 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2647)

### [**#**](#49x2ik5) boxWidth

• **boxWidth**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Width of the color box if displayColors is true.

**default** bodyFont.size

#### [**#**](#2p2csry) Defined in

[index.esm.d.ts:2752 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2752)

### [**#**](#147n2zr) callbacks

• **callbacks**: [TooltipCallbacks](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipCallbacks.html)<TType, [TooltipModel](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipModel.html)<TType>, [TooltipItem](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipItem.html)<TType>>

#### [**#**](#3o7alnk) Defined in

[index.esm.d.ts:2786 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2786)

### [**#**](#23ckvvd) caretPadding

• **caretPadding**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Extra distance to move the end of the tooltip arrow away from the tooltip point.

**default** 2

#### [**#**](#ihv636) Defined in

[index.esm.d.ts:2727 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2727)

### [**#**](#32hioqz) caretSize

• **caretSize**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Size, in px, of the tooltip arrow.

**default** 5

#### [**#**](#1hmsyys) Defined in

[index.esm.d.ts:2732 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2732)

### [**#**](#41mghml) cornerRadius

• **cornerRadius**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number | [BorderRadius](http://docs.google.com/docs/3.9.1/api/interfaces/BorderRadius.html), [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Radius of tooltip corner curves.

**default** 6

#### [**#**](#2grqrue) Defined in

[index.esm.d.ts:2737 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2737)

### [**#**](#vx1227) displayColors

• **displayColors**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<boolean, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

If true, color boxes are shown in the tooltip.

**default** true

#### [**#**](#3fwokq0) Defined in

[index.esm.d.ts:2747 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2747)

### [**#**](#1v1yuxt) enabled

• **enabled**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<boolean, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Are on-canvas tooltips enabled?

**default** true

#### [**#**](#4f1mdlm) Defined in

[index.esm.d.ts:2615 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2615)

### [**#**](#2u6wntf) footerAlign

• **footerAlign**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[TextAlign](http://docs.google.com/docs/3.9.1/api/#textalign), [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Horizontal alignment of the footer text lines.

**default** 'left'

#### [**#**](#19c6y18) Defined in

[index.esm.d.ts:2717 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2717)

### [**#**](#3tbugp1) footerColor

• **footerColor**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Color of footer

**default** '#fff'

#### [**#**](#28h4qwu) Defined in

[index.esm.d.ts:2707 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2707)

### [**#**](#nmf14n) footerFont

• **footerFont**: [ScriptableAndScriptableOptions](http://docs.google.com/docs/3.9.1/api/#scriptableandscriptableoptions)<Partial<[FontSpec](http://docs.google.com/docs/3.9.1/api/interfaces/FontSpec.html)>, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

See Fonts

**default** {weight: 'bold'}

#### [**#**](#37m2jsg) Defined in

[index.esm.d.ts:2712 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2712)

### [**#**](#1mrcu09) footerMarginTop

• **footerMarginTop**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Margin to add before drawing the footer.

**default** 6

#### [**#**](#46r0co2) Defined in

[index.esm.d.ts:2702 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2702)

### [**#**](#2lwamvv) footerSpacing

• **footerSpacing**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Spacing to add to top and bottom of each footer line.

**default** 2

#### [**#**](#111kx3o) Defined in

[index.esm.d.ts:2697 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2697)

### [**#**](#3l18frh) includeInvisible

• **includeInvisible**: boolean

if true, the invisible points that are outside of the chart area will also be included when evaluating interactions.

**default** false

#### [**#**](#206ipza) Inherited from

[CoreInteractionOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html).[includeInvisible](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html#includeinvisible)

#### [**#**](#4k668n3) Defined in

[index.esm.d.ts:1445 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1445)

### [**#**](#2zbgiuw) intersect

• **intersect**: boolean

if true, the hover mode only applies when the mouse position intersects an item on the chart.

**default** true

#### [**#**](#1egqt2p) Inherited from

[CoreInteractionOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html).[intersect](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html#intersect)

#### [**#**](#3ygebqi) Defined in

[index.esm.d.ts:1434 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1434)

### [**#**](#2dlolyb) mode

• **mode**: keyof [InteractionModeMap](http://docs.google.com/docs/3.9.1/api/interfaces/InteractionModeMap.html)

Sets which elements appear in the tooltip. See Interaction Modes for details.

**default** 'nearest'

#### [**#**](#sqyw64) Inherited from

[CoreInteractionOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html).[mode](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html#mode)

#### [**#**](#3cqmetx) Defined in

[index.esm.d.ts:1429 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1429)

### [**#**](#1rvwp1q) multiKeyBackground

• **multiKeyBackground**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Color to draw behind the colored boxes when multiple items are in the tooltip.

**default** '#fff'

#### [**#**](#4bvk7pj) Defined in

[index.esm.d.ts:2742 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2742)

### [**#**](#2r0uhxc) padding

• **padding**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number | [ChartArea](http://docs.google.com/docs/3.9.1/api/interfaces/ChartArea.html), [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Padding to add to the tooltip

**default** 6

#### [**#**](#1664s55) Defined in

[index.esm.d.ts:2722 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2722)

### [**#**](#3q5sasy) position

• **position**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<keyof [TooltipPositionerMap](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipPositionerMap.html), [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

The mode for positioning the tooltip

#### [**#**](#25b2l0r) Defined in

[index.esm.d.ts:2623 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2623)

### [**#**](#kgcv8k) rtl

• **rtl**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<boolean, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

true for rendering the legends from right to left.

#### [**#**](#34g0dwd) Defined in

[index.esm.d.ts:2776 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2776)

### [**#**](#1jlao46) textDirection

• **textDirection**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<string, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

This will force the text direction 'rtl' or 'ltr on the canvas for rendering the tooltips, regardless of the css specified on the canvas

**default** canvas's default

#### [**#**](#43ky6rz) Defined in

[index.esm.d.ts:2782 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2782)

### [**#**](#2iq8gzs) titleAlign

• **titleAlign**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[TextAlign](http://docs.google.com/docs/3.9.1/api/#textalign), [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Horizontal alignment of the title text lines.

**default** 'left'

#### [**#**](#xvir7l) Defined in

[index.esm.d.ts:2672 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2672)

### [**#**](#3hv69ve) titleColor

• **titleColor**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Color of title

**default** '#fff'

#### [**#**](#1x0gk37) Defined in

[index.esm.d.ts:2652 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2652)

### [**#**](#4h042r0) titleFont

• **titleFont**: [ScriptableAndScriptableOptions](http://docs.google.com/docs/3.9.1/api/#scriptableandscriptableoptions)<Partial<[FontSpec](http://docs.google.com/docs/3.9.1/api/interfaces/FontSpec.html)>, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

See Fonts

**default** {weight: 'bold'}

#### [**#**](#2w5ecyt) Defined in

[index.esm.d.ts:2657 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2657)

### [**#**](#1baon6m) titleMarginBottom

• **titleMarginBottom**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Margin to add on bottom of title section.

**default** 6

#### [**#**](#3vac5uf) Defined in

[index.esm.d.ts:2667 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2667)

### [**#**](#2afmg28) titleSpacing

• **titleSpacing**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Spacing to add to top and bottom of each title line.

**default** 2

#### [**#**](#pkwqa1) Defined in

[index.esm.d.ts:2662 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2662)

### [**#**](#39kk8xu) usePointStyle

• **usePointStyle**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<boolean, [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Use the corresponding point style (from dataset options) instead of color boxes, ex: star, triangle etc. (size is based on the minimum value between boxWidth and boxHeight)

**default** false

#### [**#**](#1opuj5n) Defined in

[index.esm.d.ts:2762 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2762)

### [**#**](#48pi1tg) xAlign

• **xAlign**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[TooltipXAlignment](http://docs.google.com/docs/3.9.1/api/#tooltipxalignment), [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

Override the tooltip alignment calculations

#### [**#**](#2nusc19) Defined in

[index.esm.d.ts:2628 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2628)

### [**#**](#1302m92) yAlign

• **yAlign**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[TooltipYAlignment](http://docs.google.com/docs/3.9.1/api/#tooltipyalignment), [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)<TType>>

#### [**#**](#3mzq4wv) Defined in

[index.esm.d.ts:2629 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2629)

## [**#**](#2250f4o) Methods

### [**#**](#haapch) external

▸ **external**(args): void

See external tooltip section.

#### [**#**](#319y80a) Parameters

| Name | Type |
| --- | --- |
| args | Object |
| args.chart | [Chart](http://docs.google.com/docs/3.9.1/api/classes/Chart.html)<keyof [ChartTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/ChartTypeRegistry.html), (number | [ScatterDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/ScatterDataPoint.html) | [BubbleDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/BubbleDataPoint.html))[], unknown> |
| args.tooltip | [TooltipModel](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipModel.html)<TType> |

#### [**#**](#1gf8i83) Returns

void

#### [**#**](#40ew0vw) Defined in

[index.esm.d.ts:2619 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2619)

### [**#**](#2fk6b3p) filter

▸ **filter**(e, index, array, data): boolean

#### [**#**](#upglbi) Parameters

| Name | Type |
| --- | --- |
| e | [TooltipItem](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipItem.html)<TType> |
| index | number |
| array | [TooltipItem](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipItem.html)<TType>[] |
| data | [ChartData](http://docs.google.com/docs/3.9.1/api/interfaces/ChartData.html)<keyof [ChartTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/ChartTypeRegistry.html), (number | [ScatterDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/ScatterDataPoint.html) | [BubbleDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/BubbleDataPoint.html))[], unknown> |

#### [**#**](#3ep43zb) Returns

boolean

#### [**#**](#1tuee74) Defined in

[index.esm.d.ts:2636 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2636)

### [**#**](#4du1wux) itemSort

▸ **itemSort**(a, b, data): number

Sort tooltip items.

#### [**#**](#2szc72q) Parameters

| Name | Type |
| --- | --- |
| a | [TooltipItem](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipItem.html)<TType> |
| b | [TooltipItem](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipItem.html)<TType> |
| data | [ChartData](http://docs.google.com/docs/3.9.1/api/interfaces/ChartData.html)<keyof [ChartTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/ChartTypeRegistry.html), (number | [ScatterDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/ScatterDataPoint.html) | [BubbleDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/BubbleDataPoint.html))[], unknown> |

#### [**#**](#184mhaj) Returns

number

#### [**#**](#3s49zyc) Defined in

[index.esm.d.ts:2634 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L2634)

←  [TooltipModel](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipModel.html)   [TooltipPosition](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipPosition.html)  →