

Pie Chart Properties

These properties affect pie charts. For pie charts, you can customize properties for the chart, series, wedge fills, and labels.

For a guide to using pie charts, see [Pie Chart](#).



Pie charts are also affected by [Common Properties](#) and [Datatips Properties](#).

Pie Chart properties

Pie Chart Series properties

Pie Chart Wedge Fill properties

Pie Chart Labels properties

Click to display/hide all elements

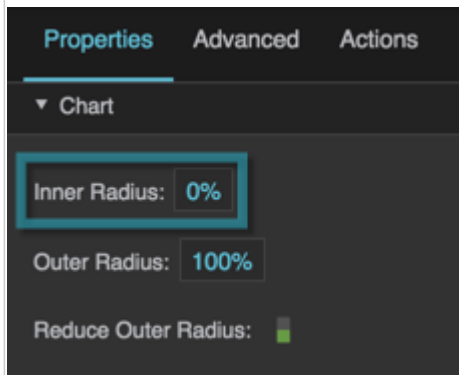
General Pie Chart Properties

These properties affect the entire pie chart.

Inner Radius

Defines the radius for the blank area in the center of the pie chart. This blank area is useful for creating

multilevel pie charts and doughnut charts.

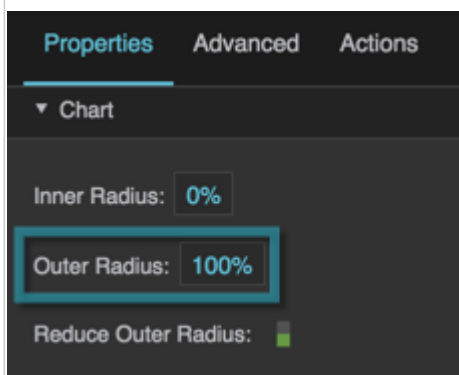


The Inner Radius property

Outer Radius

Defines the radius of this pie chart, as a percentage of the radius of the largest pie chart that would fit. This depends on container size.

If the Reduce Outer Radius property is TRUE, then the radius size might be automatically reduced in order to fit labels or other elements.



The Outer Radius property

Reduce Outer Radius

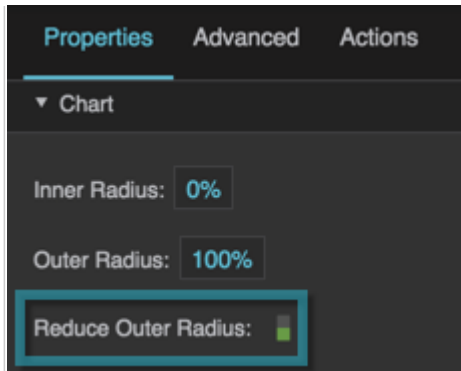
Defines whether the pie chart radius shrinks automatically in order to fit labels or other elements.

TRUE

The pie chart radius might be smaller than that determined by the Outer Radius property, in order to fit labels or other elements.

FALSE

The pie chart size is determined by the Outer Radius property only.



The Reduce Outer Radius property

Pie Chart Series Properties

These properties affect a pie chart series.

Visible

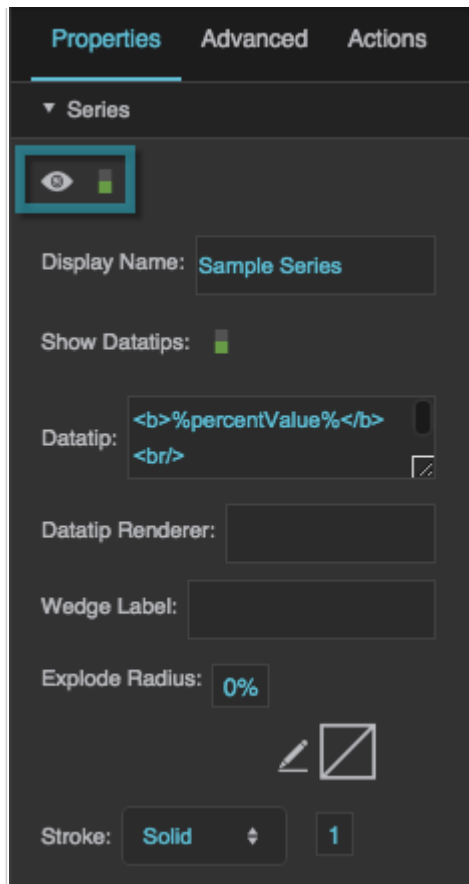
Defines whether this series is visible. Regardless of value, the series affects layout and is stored in the user's browser memory. Because the series is stored in memory, performance might be affected.

TRUE

The series is visible.

FALSE

The series is not visible, but still affects layout and is stored in browser memory.



The Visible property

Display Name

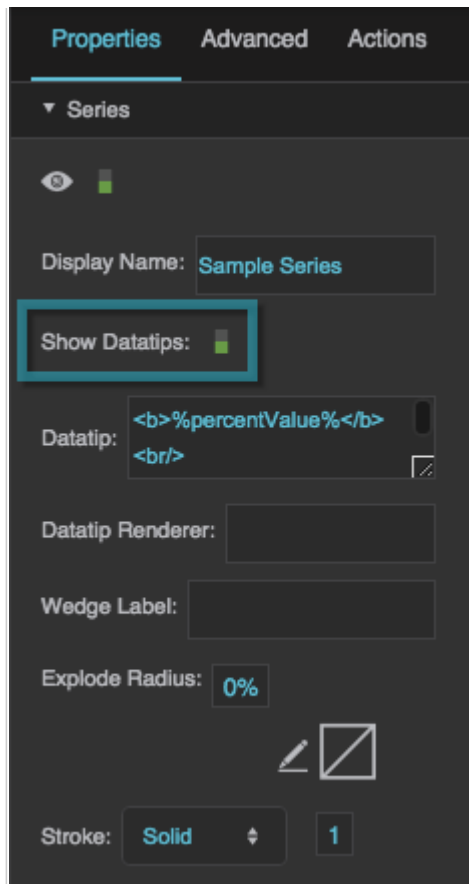
Defines the display name of this series. You can choose to have this name appear in your interface, for example in datatips.

The screenshot shows the 'Properties' panel for a 'Series' in a pie chart. The 'Display Name' is highlighted with a red box and contains the text 'Sample Series'. Below it, 'Show Datatips' is checked. The 'Datatip' field contains the HTML code '%percentValue%'. The 'Datatip Renderer' field is empty. The 'Wedge Label' field is empty. The 'Explode Radius' is set to '0%'. The 'Stroke' is set to 'Solid' with a width of '1'.

The Display Name property

Show Datatips

Specifies whether datatips are displayed when the user mouses over data points.

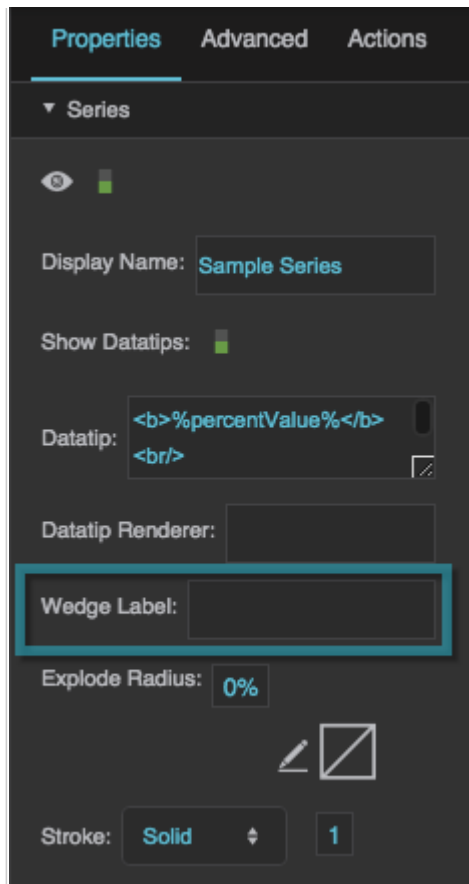


The screenshot shows the 'Properties' tab for a 'Series' in a software interface. The 'Show Datatips' property is highlighted with a red rectangular box. Below it, the 'Datatip' field contains the text '%percentValue%
'. Other visible properties include 'Display Name' (Sample Series), 'Datatip Renderer', 'Wedge Label', 'Explode Radius' (0%), and 'Stroke' (Solid, 1).

The Show Datatips property

Wedge Label

Configures the text displayed in wedge labels for this series. Use the same tags you would use for a [datatip](#).

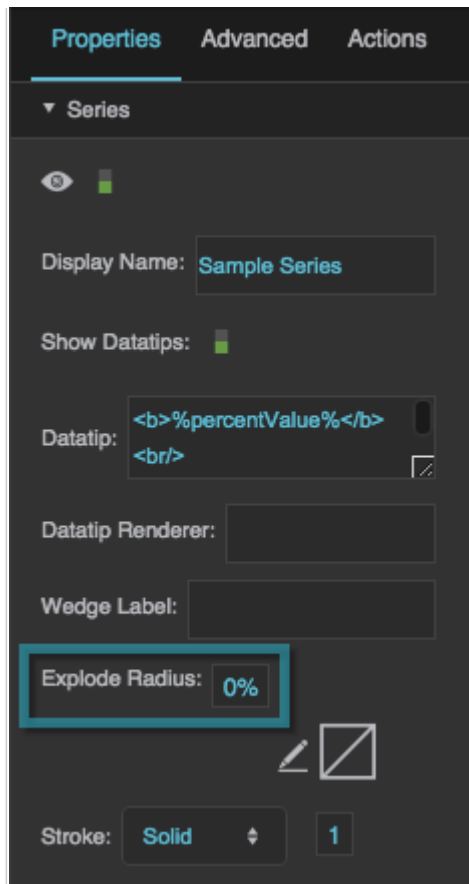


The screenshot shows the 'Properties' panel for a 'Series' in a pie chart. The panel has tabs for 'Properties', 'Advanced', and 'Actions'. Under the 'Series' tab, there are several settings: 'Display Name' is 'Sample Series', 'Show Datatips' is checked, 'Datatip' is set to '%percentValue%
', 'Datatip Renderer' is empty, 'Wedge Label' is empty and highlighted with a red rectangle, 'Explode Radius' is '0%', and 'Stroke' is 'Solid' with a width of '1'. There are also icons for visibility and a color picker.

The Wedge Label property

Explode Radius

Defines the distance that the series is exploded, as a percentage of the outer radius of the chart. Wedges move away from the center by this distance without changing their shape.



The screenshot shows the 'Properties' panel for a pie chart series. The 'Series' section is expanded, showing various settings. The 'Explode Radius' property is highlighted with a red box and is set to 0%. Other visible properties include 'Display Name' (Sample Series), 'Show Datatips' (checked), 'Datatip' (HTML content), 'Datatip Renderer', 'Wedge Label', and 'Stroke' (Solid, 1).



The Explode Radius property

Radial Stroke Color


Defines the stroke color for the edges between wedges. To edit the inner and outer circles of the pie chart, use the Fill and Stroke properties for the series.

Properties Advanced Actions


▼ Series

Display Name:

Show Datatips: 



Datatip:


 

Datatip Renderer:

Wedge Label:

Explode Radius:

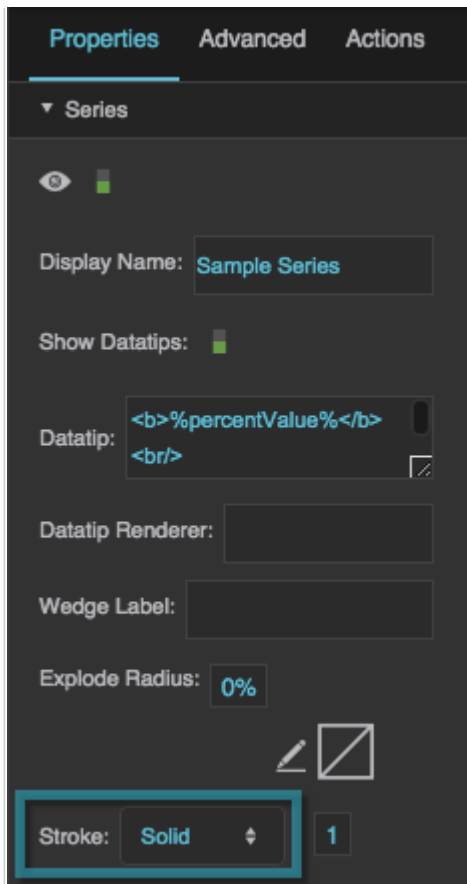
 

Stroke: 

The Radial Stroke Color property

Radial Stroke Style

Defines the stroke style for the edges between wedges. To edit the inner and outer circles of the pie chart, use the Fill and Stroke properties for the series.



The screenshot shows the 'Properties' panel for a pie chart series. The 'Series' section is expanded, showing various settings. The 'Stroke' property is highlighted with a red box, indicating the 'Radial Stroke Style' property. The 'Stroke' is set to 'Solid' and the weight is '1'.

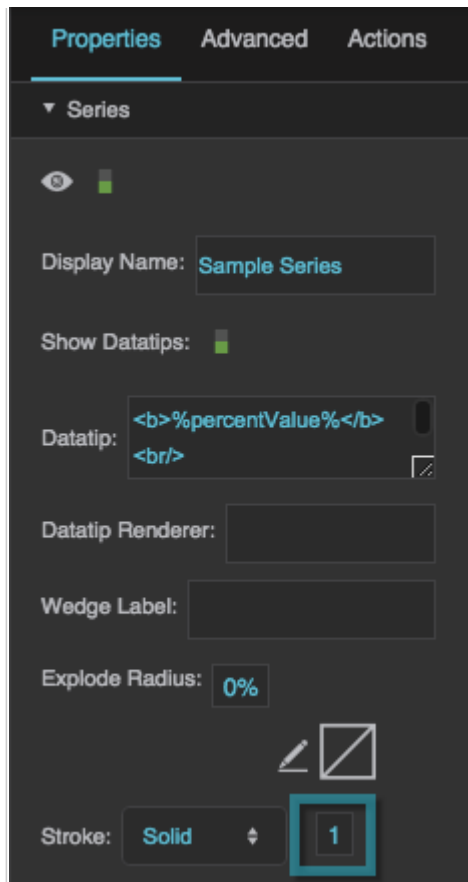
Properties panel for a pie chart series:

- Series
- Display Name: Sample Series
- Show Datatips: ☐
- Datatip: `%percentValue%
`
- Datatip Renderer:
- Wedge Label:
- Explode Radius: 0%
- Stroke: Solid 1

The Radial Stroke Style property

Radial Stroke Weight

Defines the stroke weight for the edges between wedges. To edit the inner and outer circles of the pie chart, use the Fill and Stroke properties for the series.



The Radial Stroke Weight property

Pie Chart Wedge Fill Properties

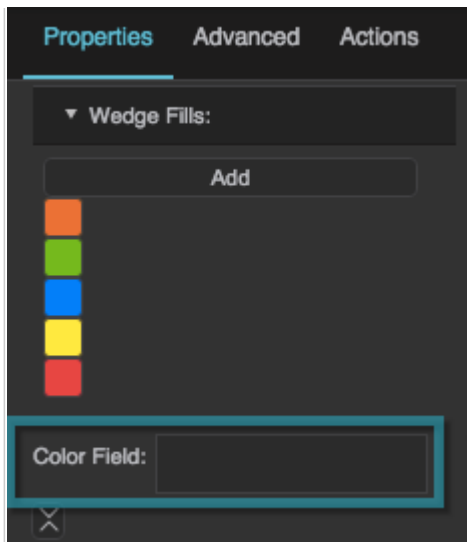
These properties affect the pie chart colors.

Color Field

Specifies the table column that contains data from which to determine wedge colors. The following formats are supported:

- **#EEE**: Any shortened, three-digit hexadecimal color string, including the # symbol.
- **#FF00FF**: Any hexadecimal color string, including the # symbol.
- **rgba(255, 0, 0, 0.5)**: Any RGBA color string, including "rgba" and the parentheses.

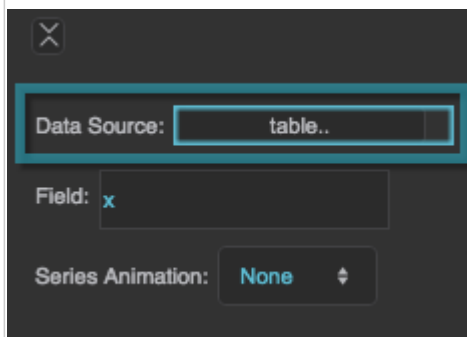
You can also specify colors in the Property Inspector by expanding Wedge Fills.



The Color Field property

Data Source

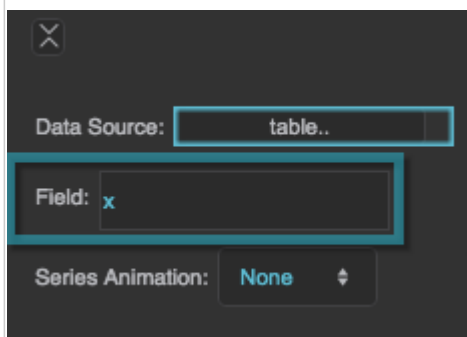
Specifies the table that this series uses as the data source.



The Data Source property

Field

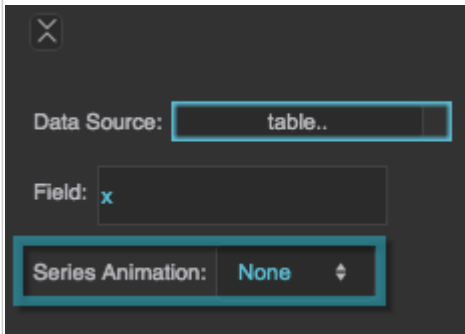
Defines the table column that contains the pie chart series data that determines wedge size.



The Field property

Series Animation

See [General Series Properties](#).



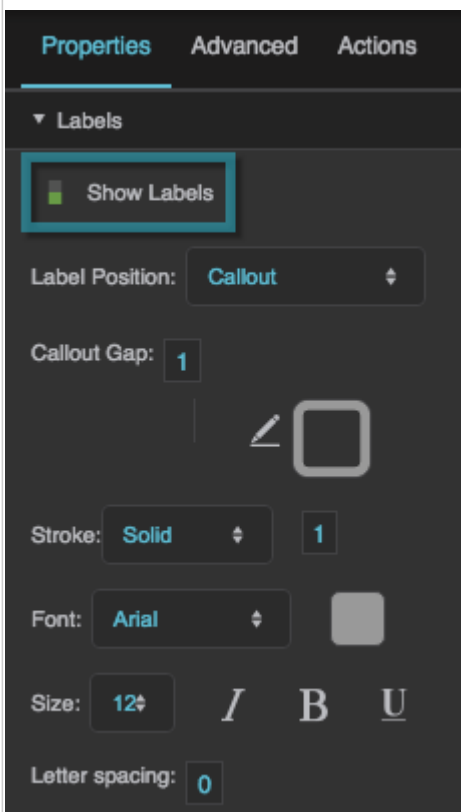
The Series Animation property

Pie Chart Labels Properties

These properties affect the placement and appearance of pie chart labels.

Show Labels

Specifies whether this series has labels.



The Show Labels property

Label Position

Defines the position of the labels.

None

There are no labels.

Outside

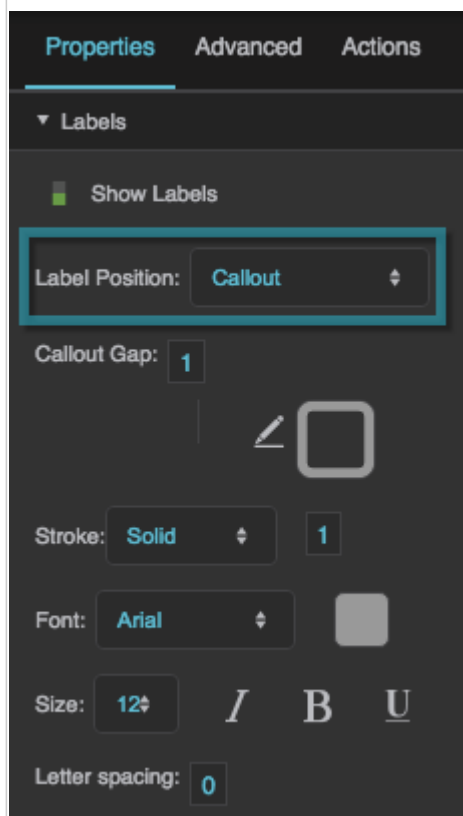
Labels are positioned for each pie wedge, near the outer edge of the pie series. Labels might be inside or outside the wedges, depending on the outer radius of the series.

Callout

Labels are positioned outside of the chart, with callout lines.

Inside

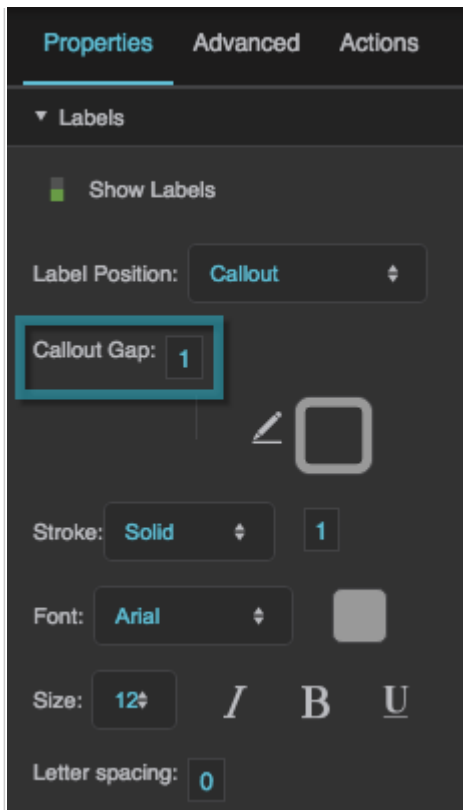
Labels are positioned inside each pie wedge.



The Label Position property

Callout Gap

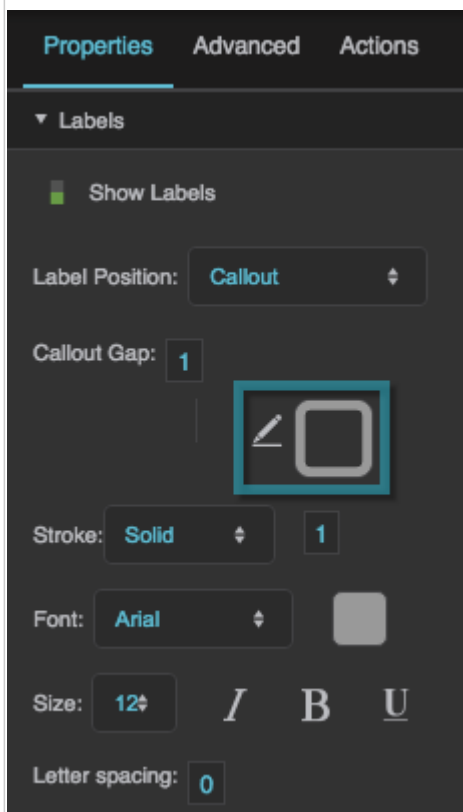
Defines the amount of empty space, in pixels, that is added to the gap between the edge of the pie and the edge of the labels. Does not define the entire gap, but rather the amount that is added to the default gap. A negative value makes the gap smaller than the default.



The Callout Gap property

Callout Stroke Color

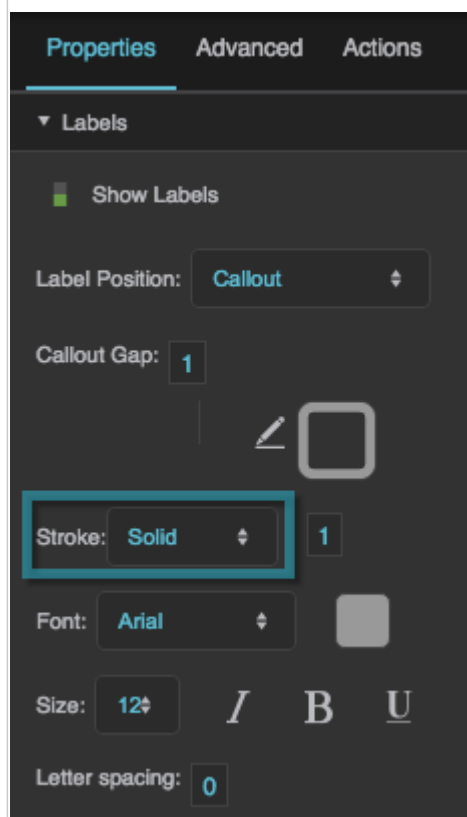
Defines the stroke color for the wedge callout lines.



The Callout Stroke Color property

Callout Stroke Style

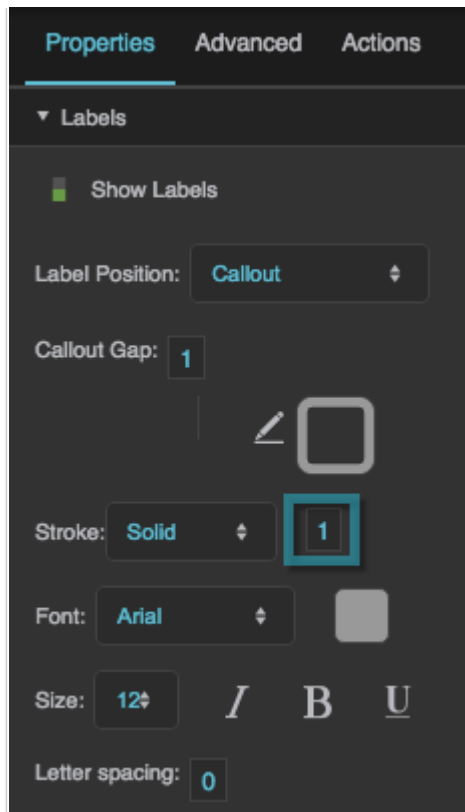
Defines the stroke style for the wedge callout lines.



The Callout Stroke Style property

Callout Stroke Weight

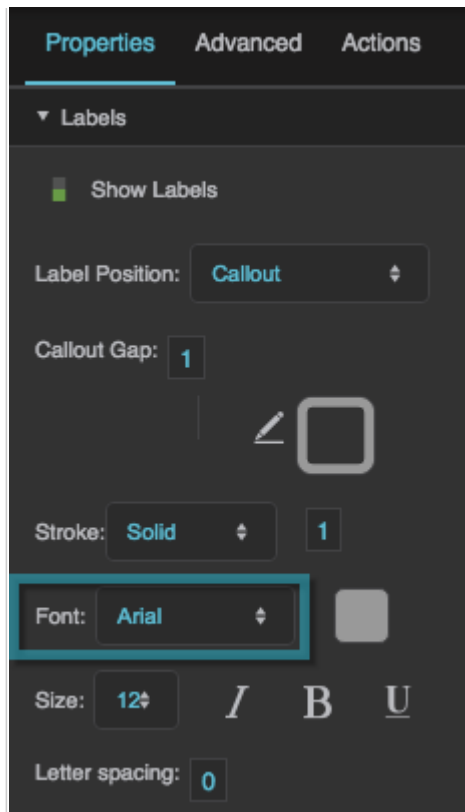
Defines the stroke weight for the wedge callout lines.



The Callout Stroke Weight property

Font

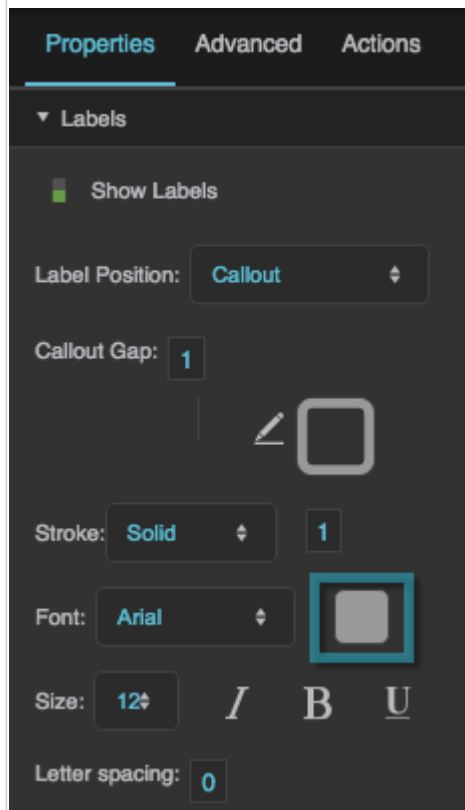
Defines the font for the wedge callout labels. To add a font to this project and use it for this property, see [Text Component Properties](#).



The Font property

Font Color

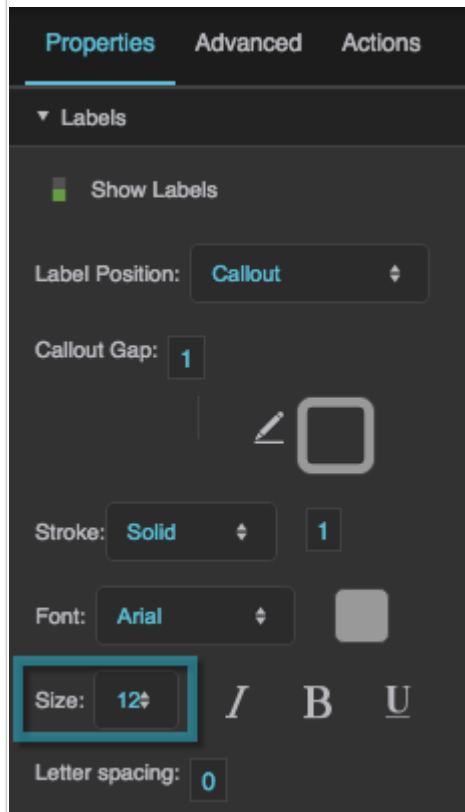
Defines the font color for the wedge callout labels.



The Font Color property

Font Size

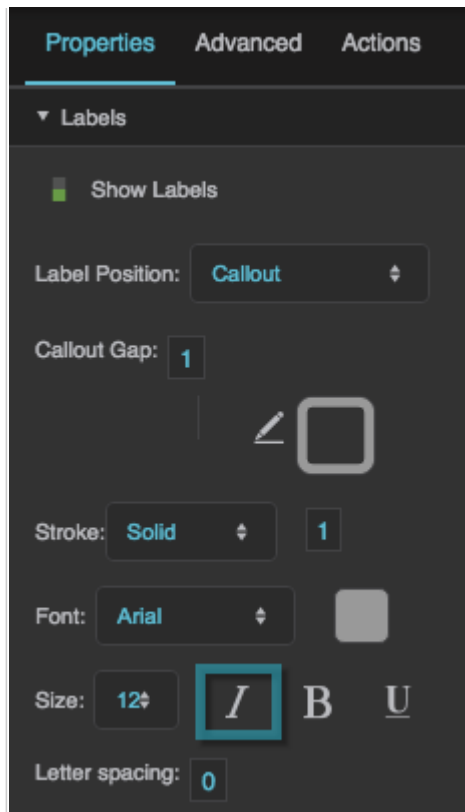
Defines the font size for the wedge callout labels.



The Font Size property

Italic

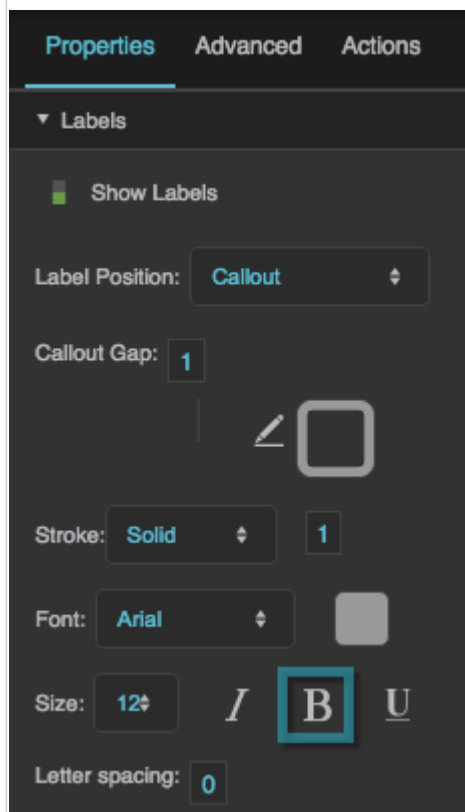
Defines whether the wedge callout labels are italic.



The Italic property

Bold

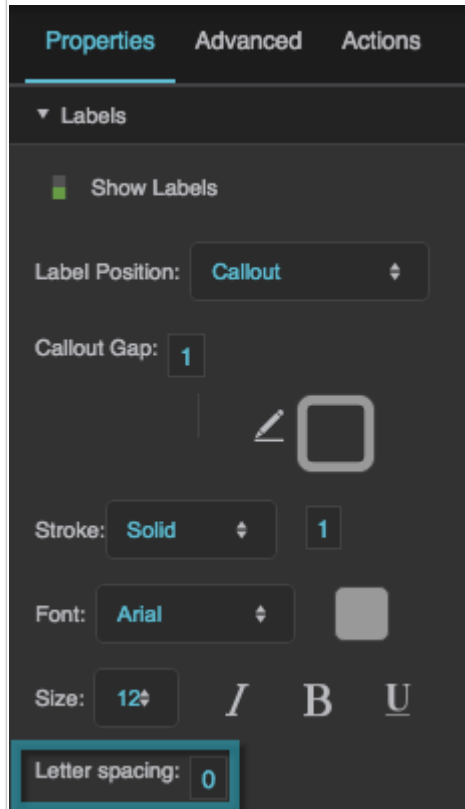
Defines whether the wedge callout labels are bold.



The Bold property

Character Spacing

Specifies the horizontal spacing between characters in callout labels for the pie wedges, as a pixel value. A null value means the font's default spacing is used.



The Character Spacing property

[Previous: Plot Area Properties](#)

[Next: Raw SVG Repeater Properties](#)

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Last update: **2021/09/20 15:03**

