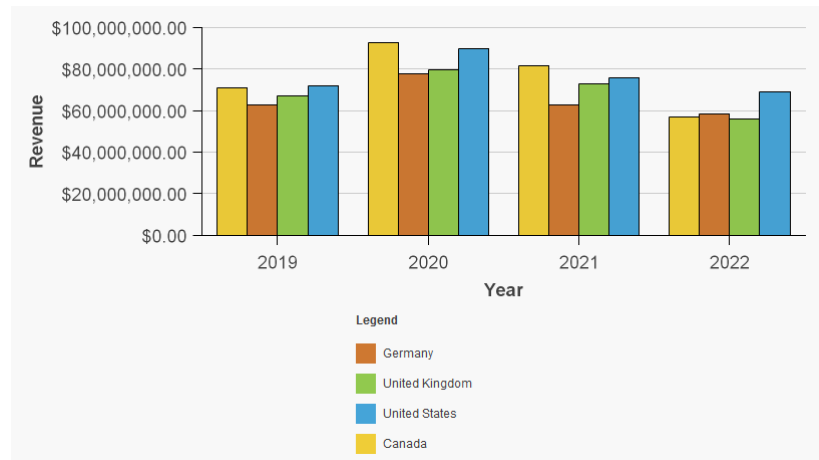


How do I set custom colors for specific values in my chart palette?

When categorical data (e.g. text) is displayed as a color series in a **Legacy** visualization (e.g. a data item has been added to the Series slot), sometimes certain data values might be better visualized using an exact color (e.g. displaying Carrots as orange and Celery as green can make a product's legend clearer).

Here is an example chart:



Suppose we have five similar and related charts on a report. Every time we see a bar for Germany on any of these charts, we want it to be orange (CE7831) and so on, like this:


Value	Color
Germany	CE7831
United Kingdom	91C94E
United States	45A4D8
Canada	EFCD37

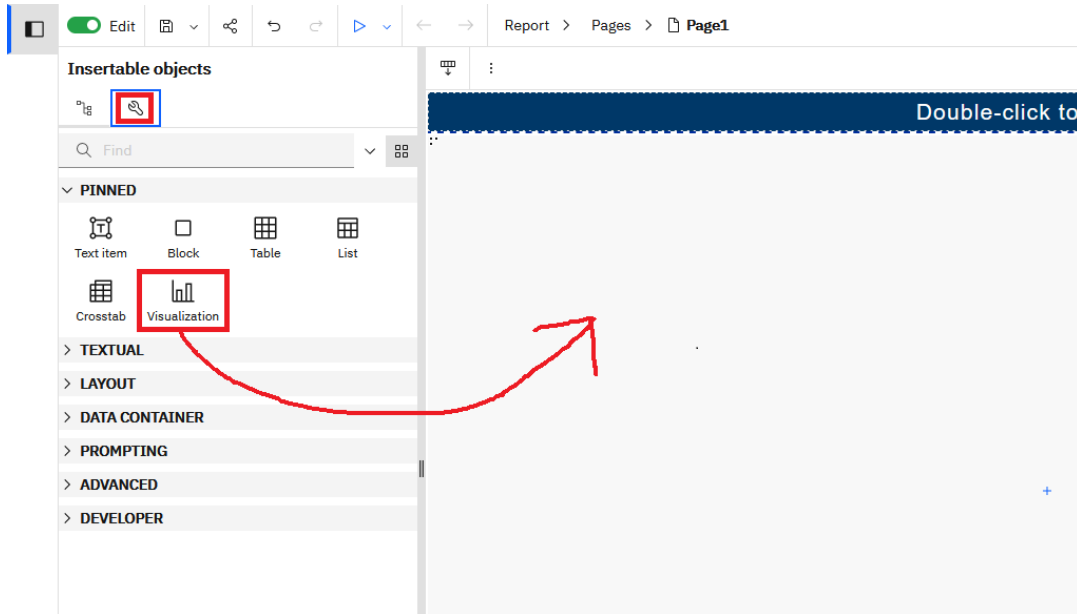
This document will show you how to achieve this result using a conditional palette...



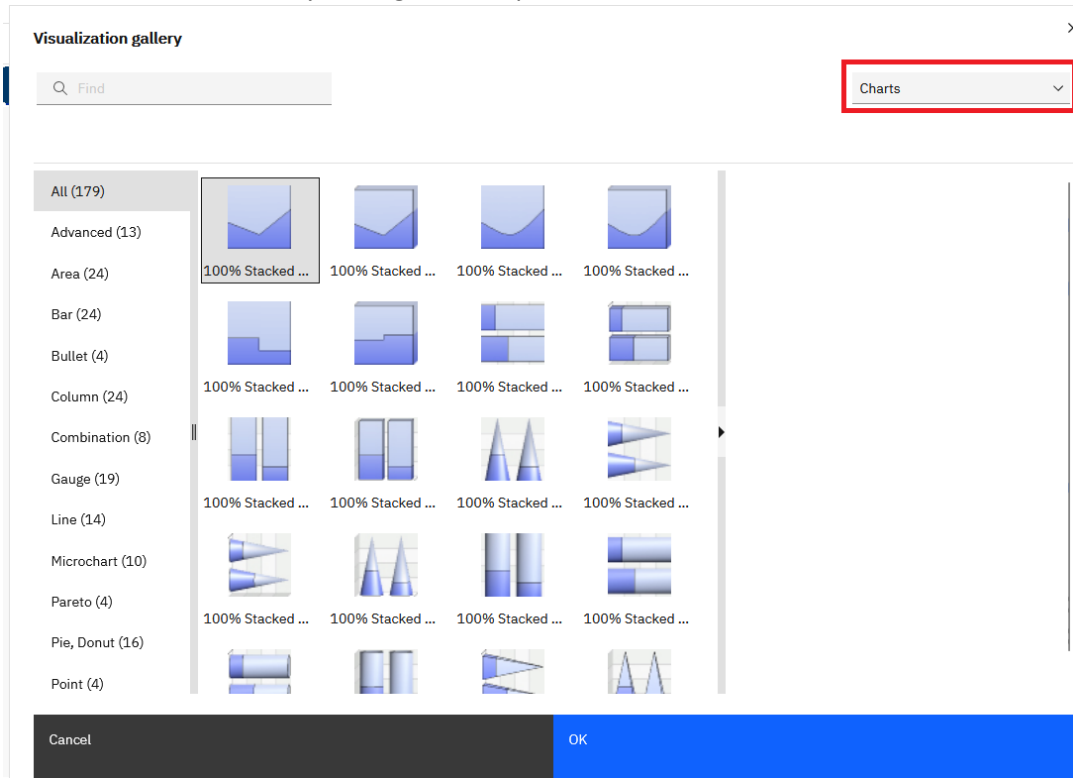
This technique will only work with legacy charts. The newer 11.1 and 11.0 visualizations do not have a *Conditional palette* property (yet).

Create a conditional palette

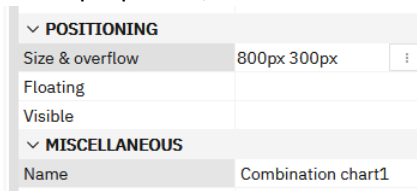
1. Create a new report with the following sample data: *Team content > Samples > By feature > Core > Data > Sample data module*
2. From the Toolbox , drag a *Visualization* onto the report:




3. In the *Visualization Gallery*, change the dropdown to show *Charts*:

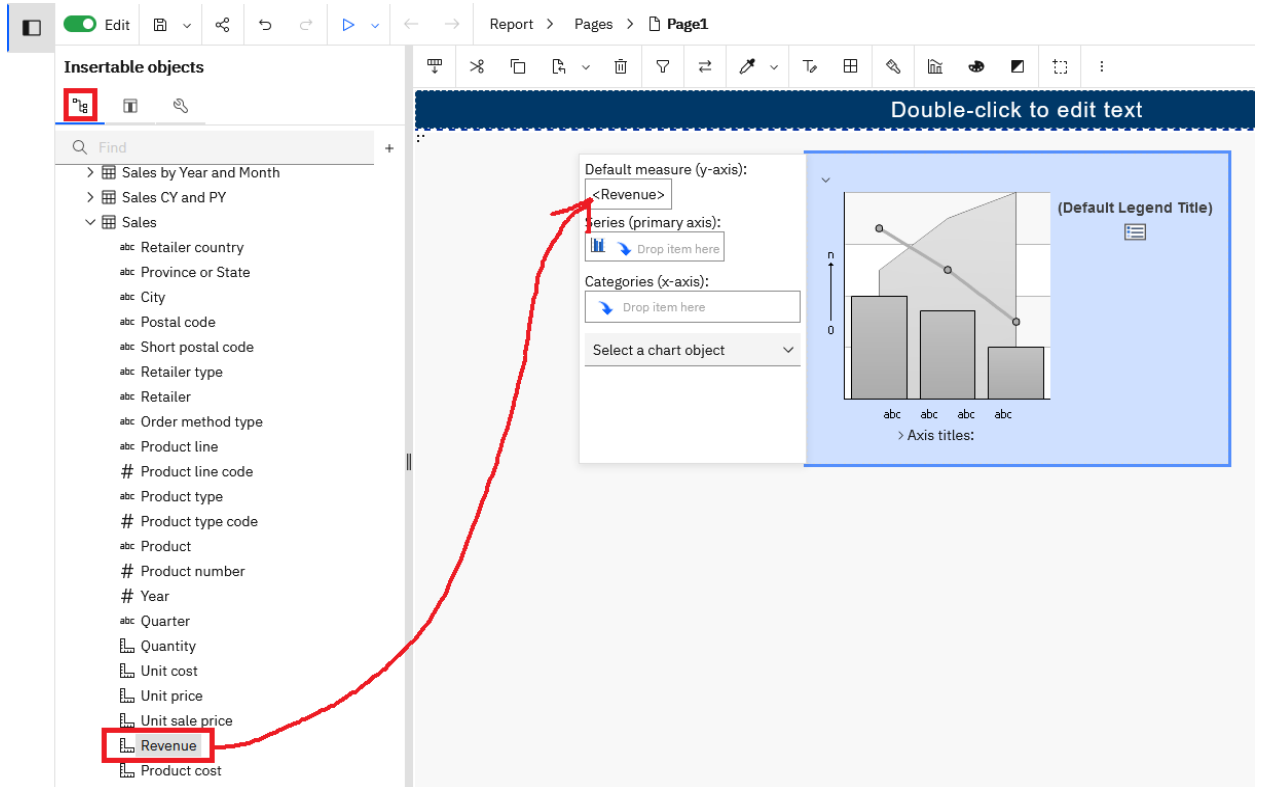


4. Scroll down and select *Clustered Column* and click *OK*
5. In the properties, set *Size & overflow* to 800px wide and 300px high:




6. Open the *Sources*  panel

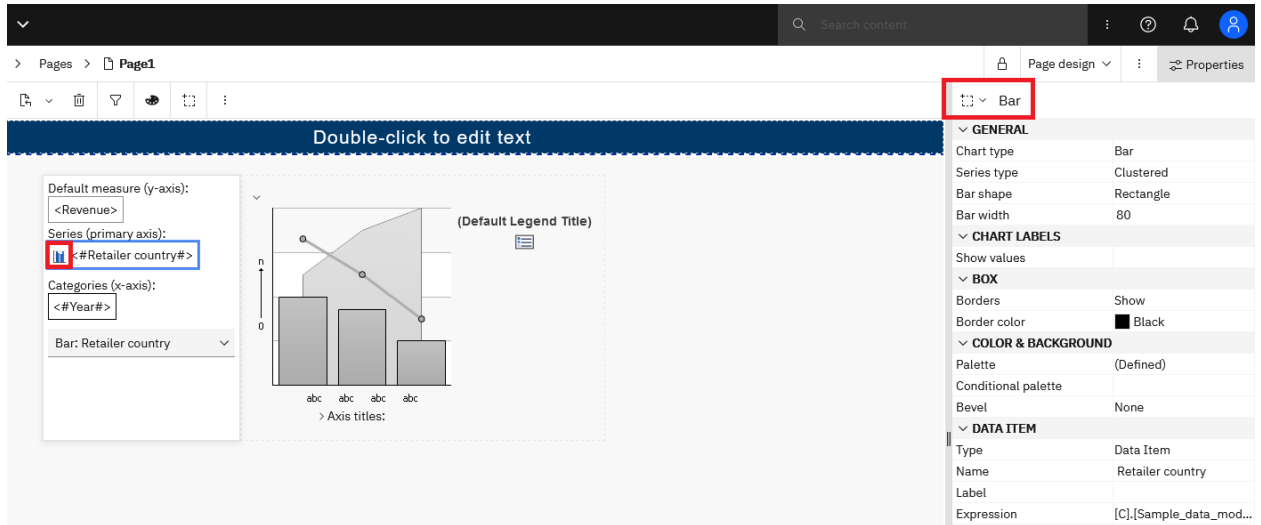
7. Open the *Sales* table and drag *Revenue* onto the *Default measure* slot:



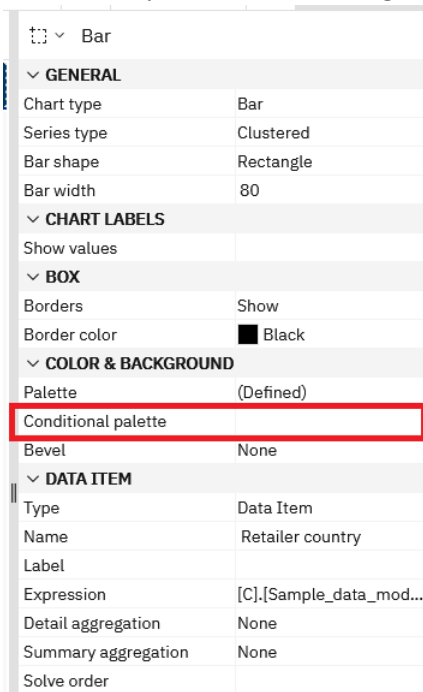
8. Drag *Year* onto the *Categories* slot

9. Drag *Retailer country* onto the *Series* slot

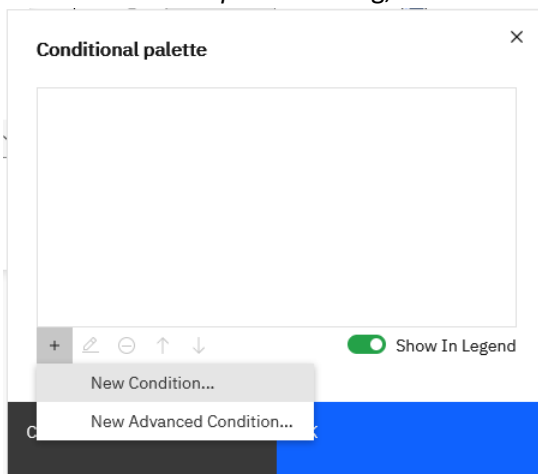
10. Click the Bar icon  in the *Series* slot to bring up the *Bar* properties:



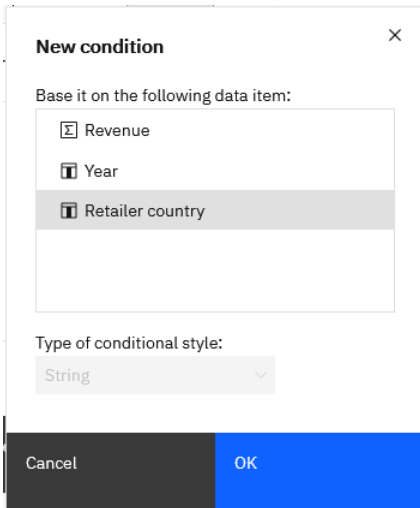
11. Click the ellipsis button to the right of the *Conditional palette* property:



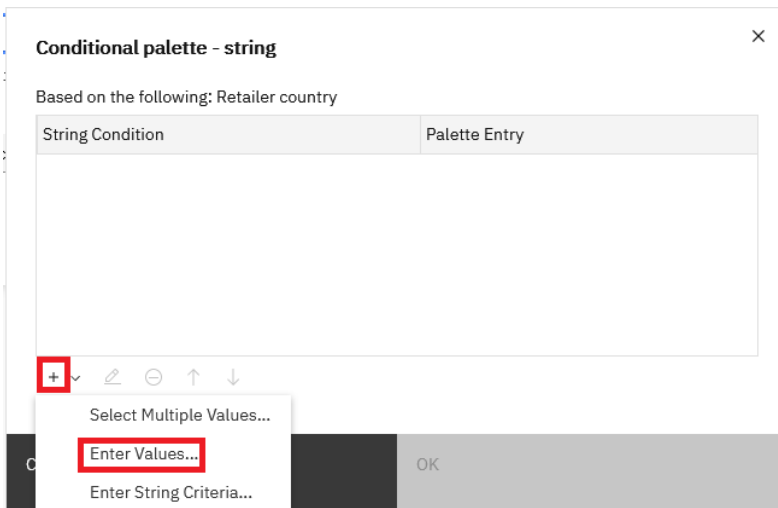
12. In the *Conditional palette* dialog, click the Plus icon and select *New Condition...*



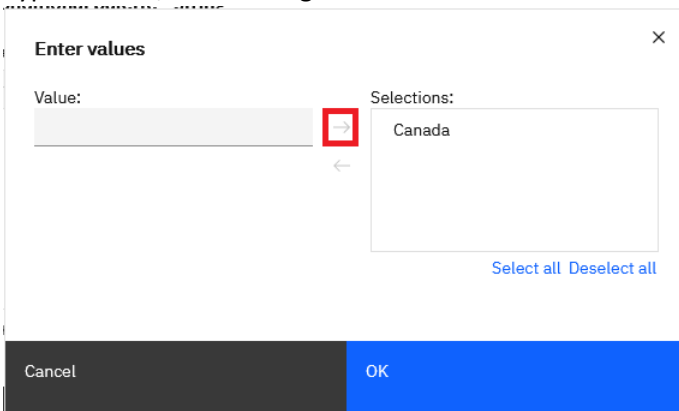
13. Ensure that the Series (Retailer country) is selected and click *OK*:



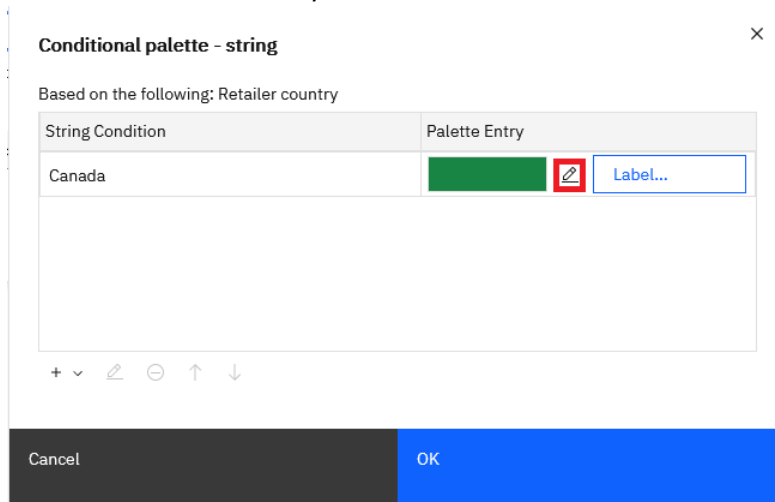
14. Click the Plus icon and select *Enter Values...*



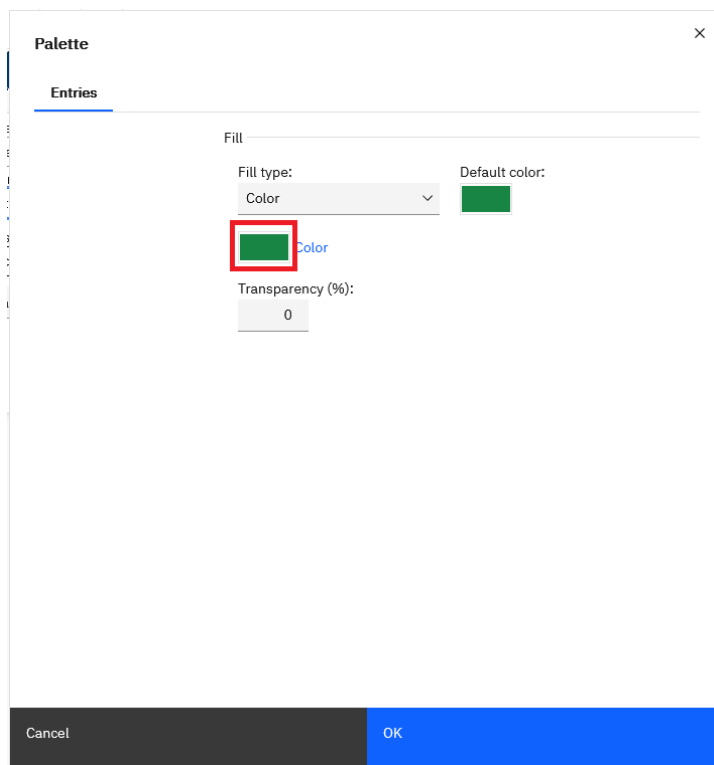
15. Type **Canada**, click the Right Arrow icon to add it to the *Selections* box, and click *OK*



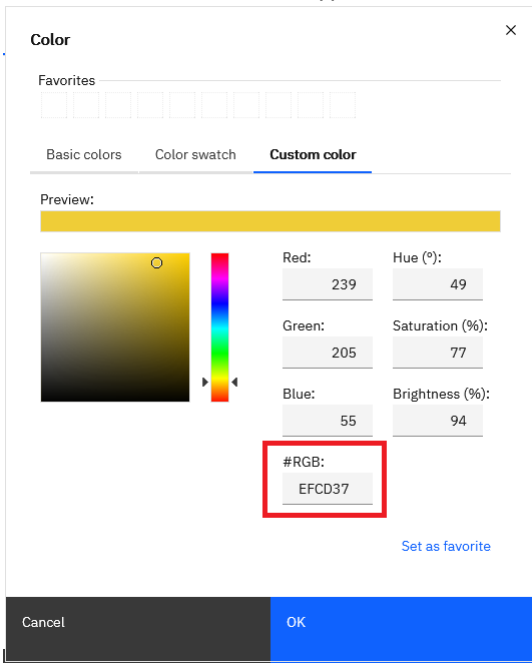
16. Click the Edit Palette Entry  icon:



17. Click the color swatch:



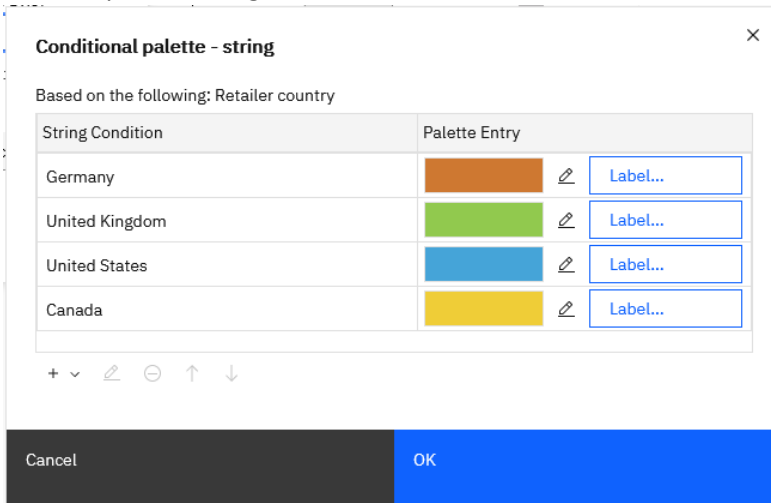
18. On the *Custom color* tab, type **EFGD37** in the #RGB box and click OK and OK:



19. Repeat Steps 14 to 18 with the following values to create three more entries:

- a. United States: 45A4D8
- b. United Kingdom: 91C94E
- c. Germany: CE7831

20. The completed dialog should look like this:



In the dialog, the *Label* button allows you to specify the text that appears beside the color swatch in the Legend, if you are displaying the Legend.

21. Click *OK* and *OK*

22. Select the chart and click the ellipsis button to the right of the *Legend* property:

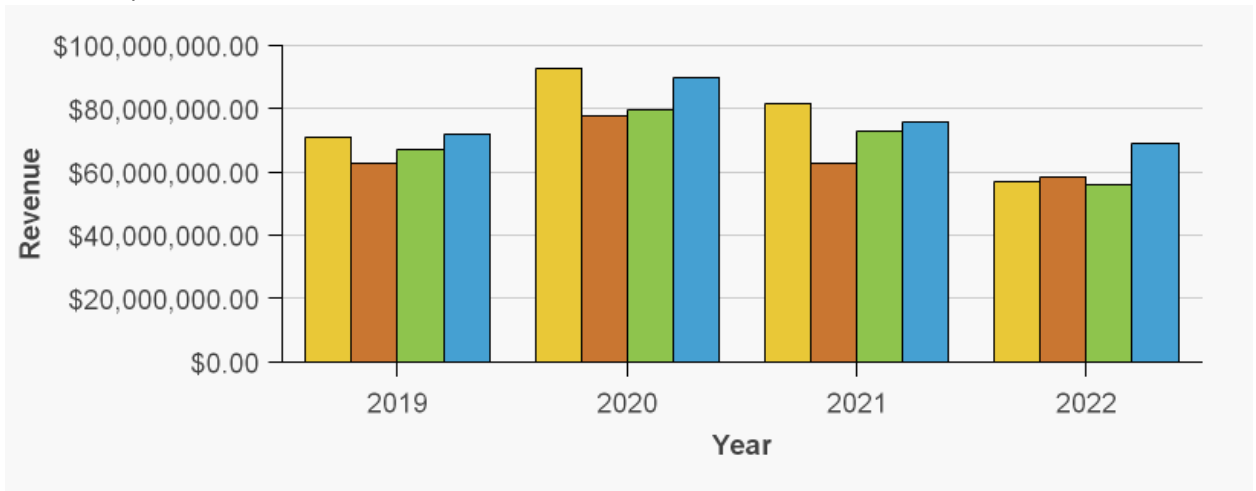
The screenshot shows a software interface with a chart and its properties. The chart is a combination chart with bars and a line. The properties panel on the right is expanded to the **CHART ANNOTATIONS** section, where the **Legend** property is set to **Top right**. A red arrow points to the ellipsis button next to the Legend property.

Property	Value
Conditional styles	
Render variable	
No data contents	No Data Available
Drill-through definitions	
Query	Query1
Master detail relationships	Unavailable
Suppression	
Chart orientation	Vertical
Depth	0
Combinations	Primary Axis
Summarize small items	
Tooltips	Absolute
Matrix rows and columns	
Pagination	
Render page when empty	<input checked="" type="checkbox"/>
Title	Hide
Subtitle	Hide
Footer	Hide
Legend	Top right
Numeric baselines	
Category baselines	
Tranlines	

23. In the resulting dialog, turn off *Show legend* and click *OK*

The screenshot shows the **Legend** dialog box. The **Show legend** toggle is turned off and highlighted with a red box. The dialog also shows options for **Position** (Preset and Advanced) and buttons for **Cancel**, **Apply**, and **OK**.

24. Run the report. The chart will look like this:



We turned off the Legend in Steps 22-23 because there is currently a defect that displays two legends when a conditional palette has been created. However, you can easily create your own legend using a Table, five Text Items, and four 20px by 20px Blocks:



Technical

