

How can I apply conditional formatting with multiple conditions in Excel?

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Conditional formatting in Excel allows users to automatically format cells based on certain conditions or criteria. This feature is useful for quickly highlighting important data or identifying trends in a large set of information. To apply conditional formatting with multiple conditions, users can use the "Conditional Formatting" tool and specify the desired conditions using formulas or preset rules. By adding multiple conditions, users can create more complex formatting rules and customize the appearance of their data. This feature is particularly useful for analyzing data sets with different variables and making data more visually appealing and easier to interpret.

Excel: Apply Conditional Formatting with Multiple Conditions

Often you may want to apply conditional formatting to cells based on multiple conditions in Excel.

The following example shows exactly how to do so.

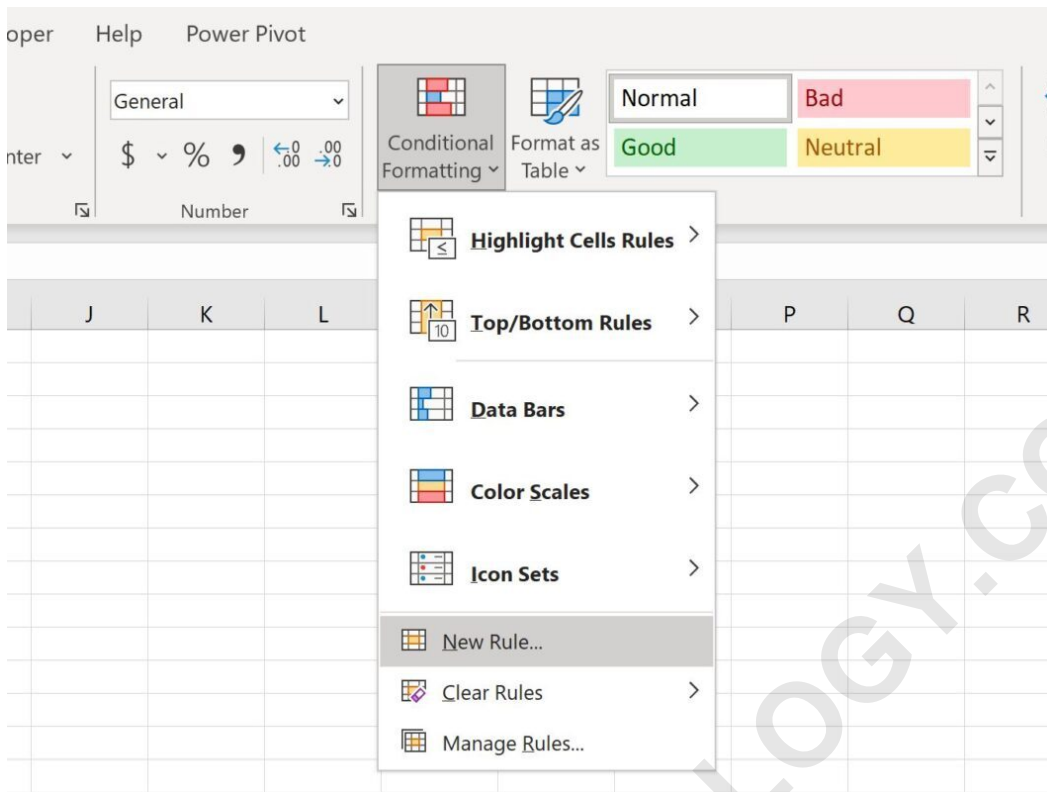
Example: Conditional Formatting with Multiple Conditions

Suppose we have the following dataset that contains information about various basketball teams:

	A	B	C	D	E	F
1	Team	Points				
2	Mavs	9				
3	Rockets	12				
4	Spurs	13				
5	Hornets	13				
6	Mavs	16				
7	Nets	19				
8	Lakers	20				
9	Mavs	21				
10	Rockets	28				
11	Spurs	31				
12	Cavs	34				
13	Nets	18				
14	Cavs	7				
15						
16						
17						
18						
19						

Suppose we would like to highlight each value in the points column where the value is greater than 10 *and* less than 20.

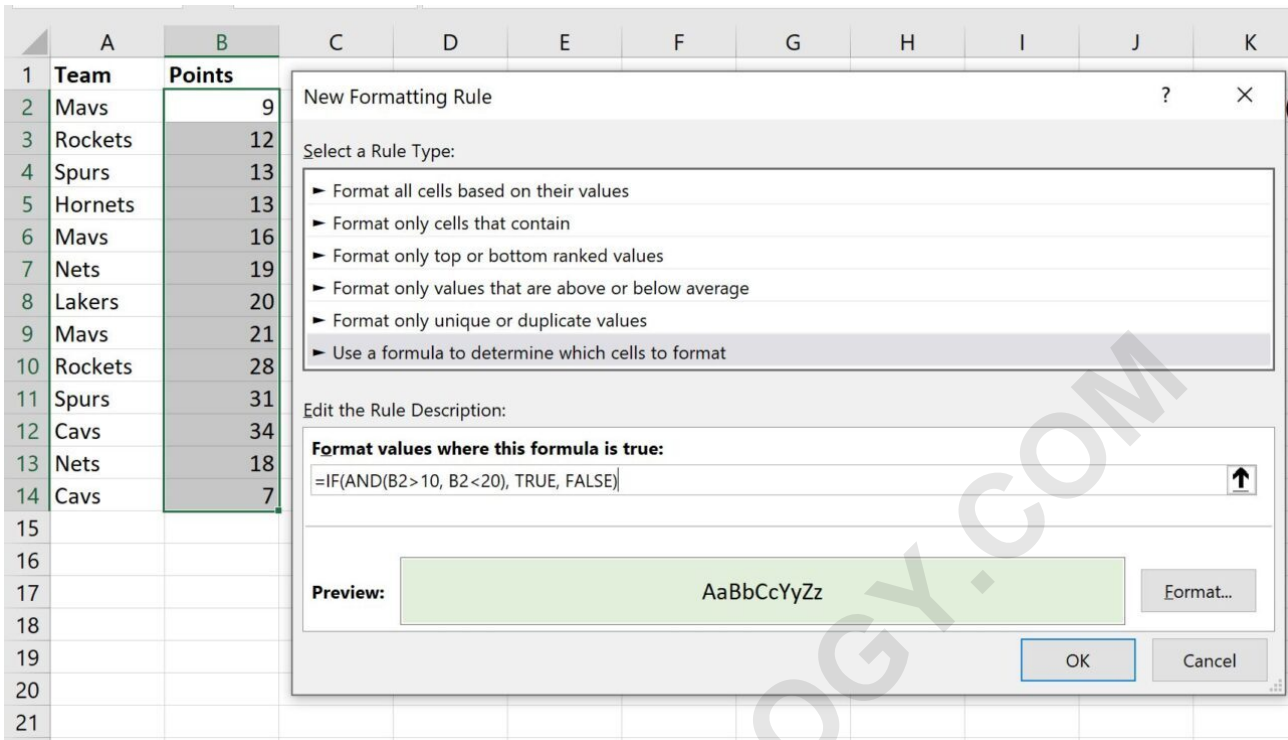
To do so, highlight the values in the range B2:B14, then click the Conditional Formatting icon on the Home tab, then click New Rule:



In the new window that appears, click Use a formula to determine which cells to format, then type in the following formula into the box:

=IF(AND(B2>10, B2<20), TRUE, FALSE)

Then click the Format button and choose a fill color to use, then click OK:



The screenshot shows an Excel spreadsheet with two columns: 'Team' (A) and 'Points' (B). The data is as follows:

Team	Points
Mavs	9
Rockets	12
Spurs	13
Hornets	13
Mavs	16
Nets	19
Lakers	20
Mavs	21
Rockets	28
Spurs	31
Cavs	34
Nets	18
Cavs	7

The 'New Formatting Rule' dialog box is open, showing the following options:

- Format all cells based on their values
- Format only cells that contain
- Format only top or bottom ranked values
- Format only values that are above or below average
- Format only unique or duplicate values
- Use a formula to determine which cells to format

The 'Edit the Rule Description' section shows the formula: `=IF(AND(B2>10, B2<20), TRUE, FALSE)`. The preview shows the text 'AaBbCcYyZz' highlighted in green.

Each value in the points column that is greater than 10 and less than 20 will automatically be highlighted:

	A	B	C	D	E	F
1	Team	Points				
2	Mavs	9				
3	Rockets	12				
4	Spurs	13				
5	Hornets	13				
6	Mavs	16				
7	Nets	19				
8	Lakers	20				
9	Mavs	21				
10	Rockets	28				
11	Spurs	31				
12	Cavs	34				
13	Nets	18				
14	Cavs	7				
15						
16						
17						
18						

Note: You can find the complete documentation for the AND function in Excel .

Additional Resources

The following tutorials explain how to perform other common tasks in Excel:

[How to Apply Conditional Formatting if Cell Contains Text in Excel](#)