

What are the formatting color options available in Excel?

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PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=157258>

Excel offers a variety of formatting color options to enhance the visual appeal of data and make it easier to interpret. These options include font colors, fill colors, and border colors, which can be customized using a range of pre-set colors or by creating a custom color using the RGB or HSL color models. Additionally, Excel also provides conditional formatting, allowing users to automatically change the color of cells based on specific criteria. Overall, these formatting color options in Excel provide users with the flexibility to present their data in a visually appealing and organized manner.

Excel Format Colors

Colors

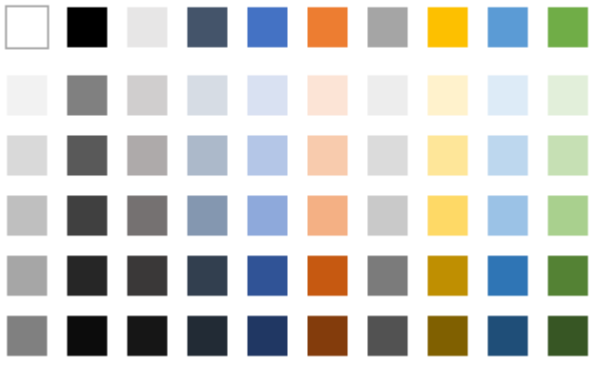
Colors are specified by selection or by using Hexadecimal and RGB codes.

Tip: You can learn more about colors in our [HTML/CSS Colors Tutorial](#).

Theme and Standard Colors

Excel has a set of themes and standard colors available for use. You select a color by clicking it:

Theme Colors




Standard Colors



Recent Colors



No Fill

 More Colors...

The "**More Colors**" option allows you to select custom colors by entering a RGB or HEX code.



Hexadecimal Colors

Excel supports Hexadecimal color values

A hexadecimal color is specified with: #RRGGBB.

RR (red), GG (green) and BB (blue) are hexadecimal integers between 00 and FF specifying the intensity of the color.

For example, #0000FF is displayed as blue, because the blue component is set to its highest value (FF) and the others are set to 00.

RGB Colors

Excel supports RGB color values.

An RGB color value is specified with: `rgb(RED , GREEN , BLUE)`.

Each parameter defines the intensity of the color as an integer between 0 and 255.

For example, `rgb(0,0,255)` is rendered as blue, because the blue parameter is set to its highest value (255) and the others are set to 0.

Tip: Try [W3schools.com color picker](https://www.w3schools.com/colors/colors_picker.asp) to find your color!
https://www.w3schools.com/colors/colors_picker.asp

Applying colors

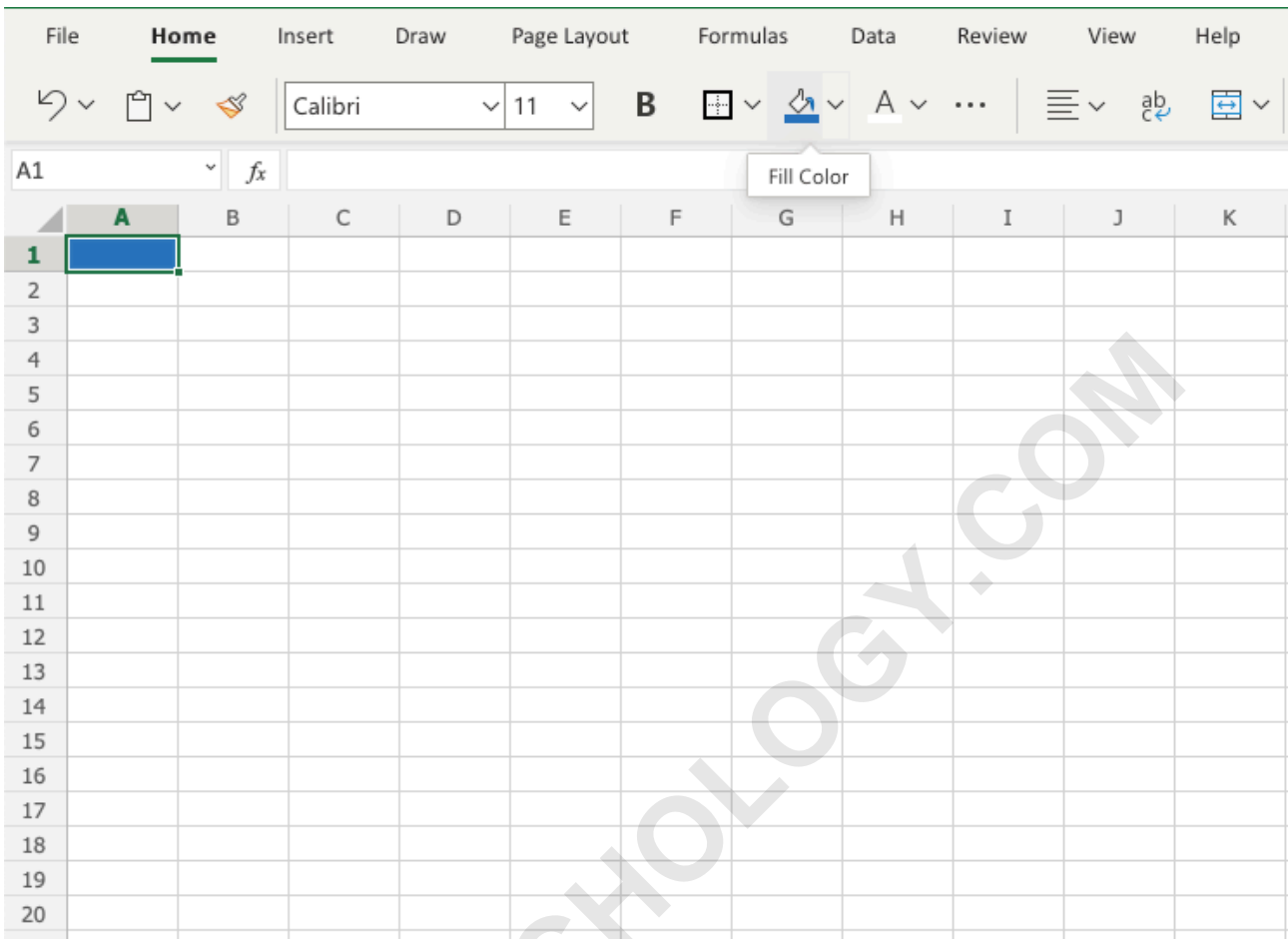
Colors can be applied to cells, text and borders.

Colors are applied to cells by using the "**Fill color**" function.

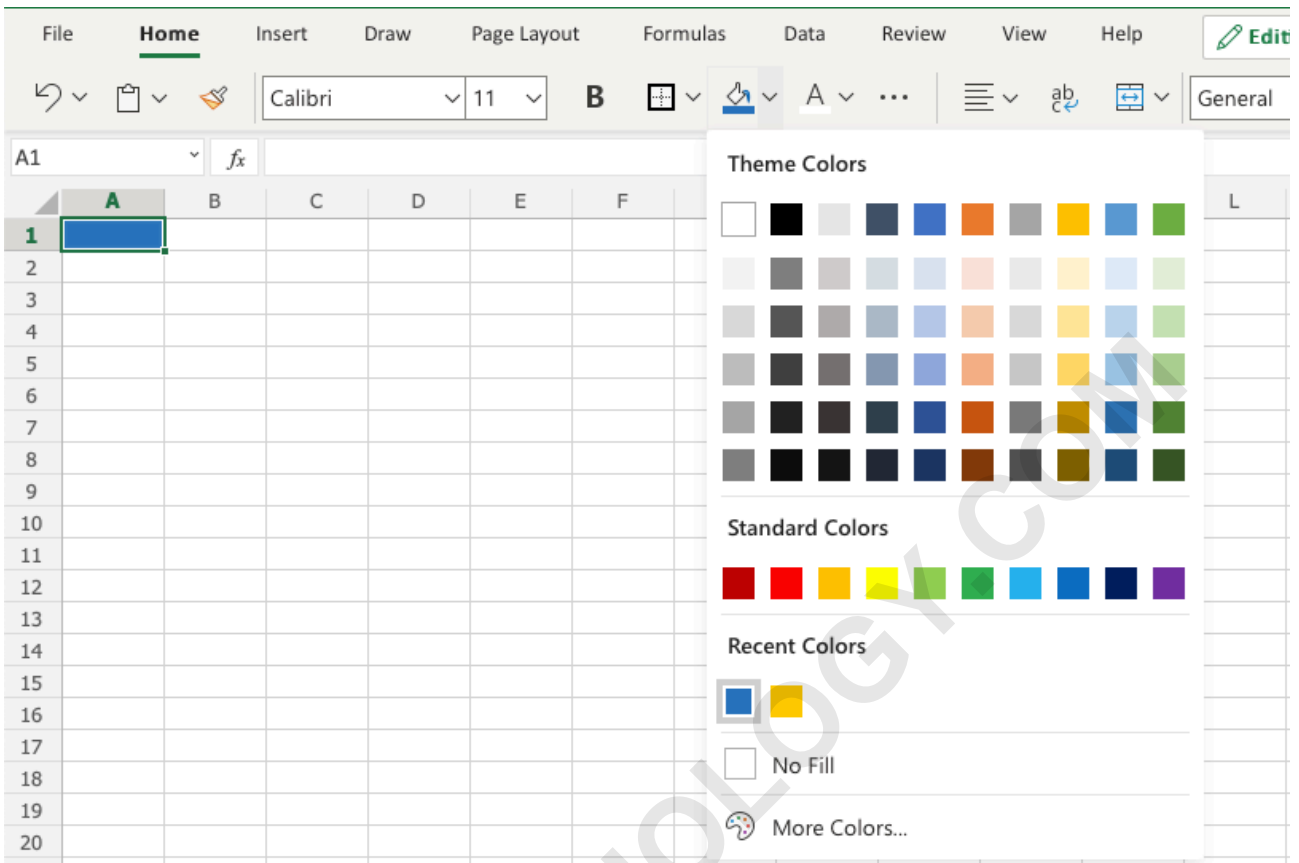
How to apply colors to cells:

Select color
Select range
Click the Fill Color button

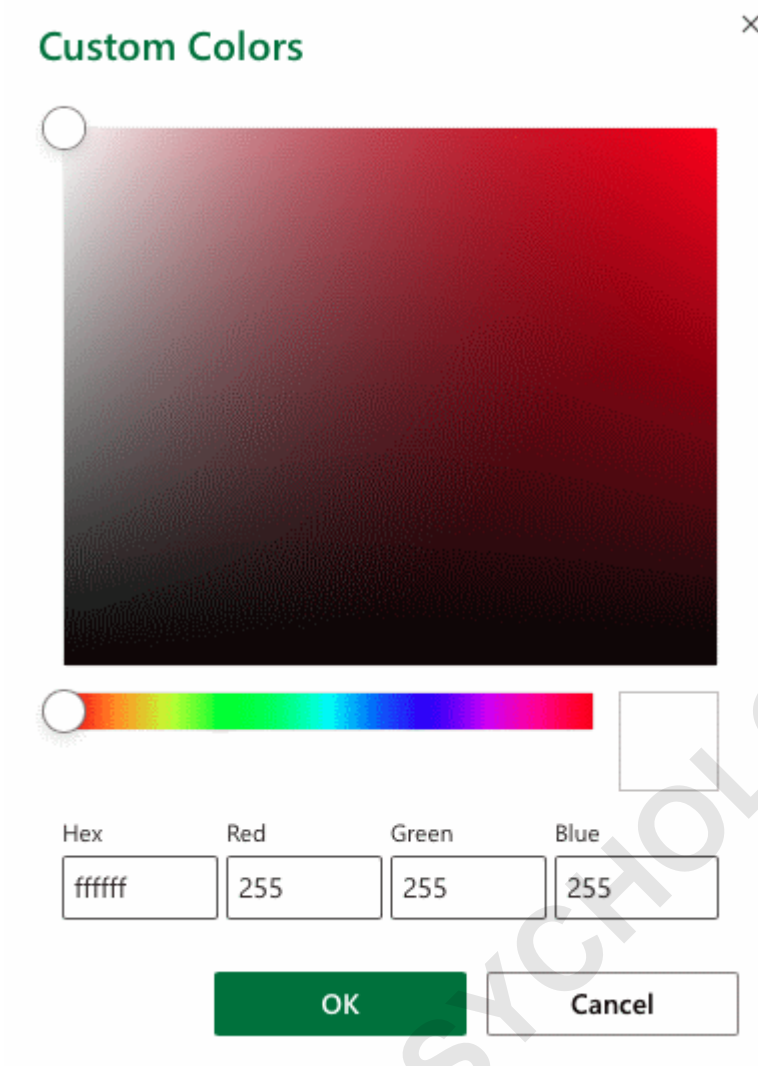
The "**Fill color**" button remembers the color you used the last time.



Color options are explored by clicking on the arrow-down icon (), next to the Fill color command:



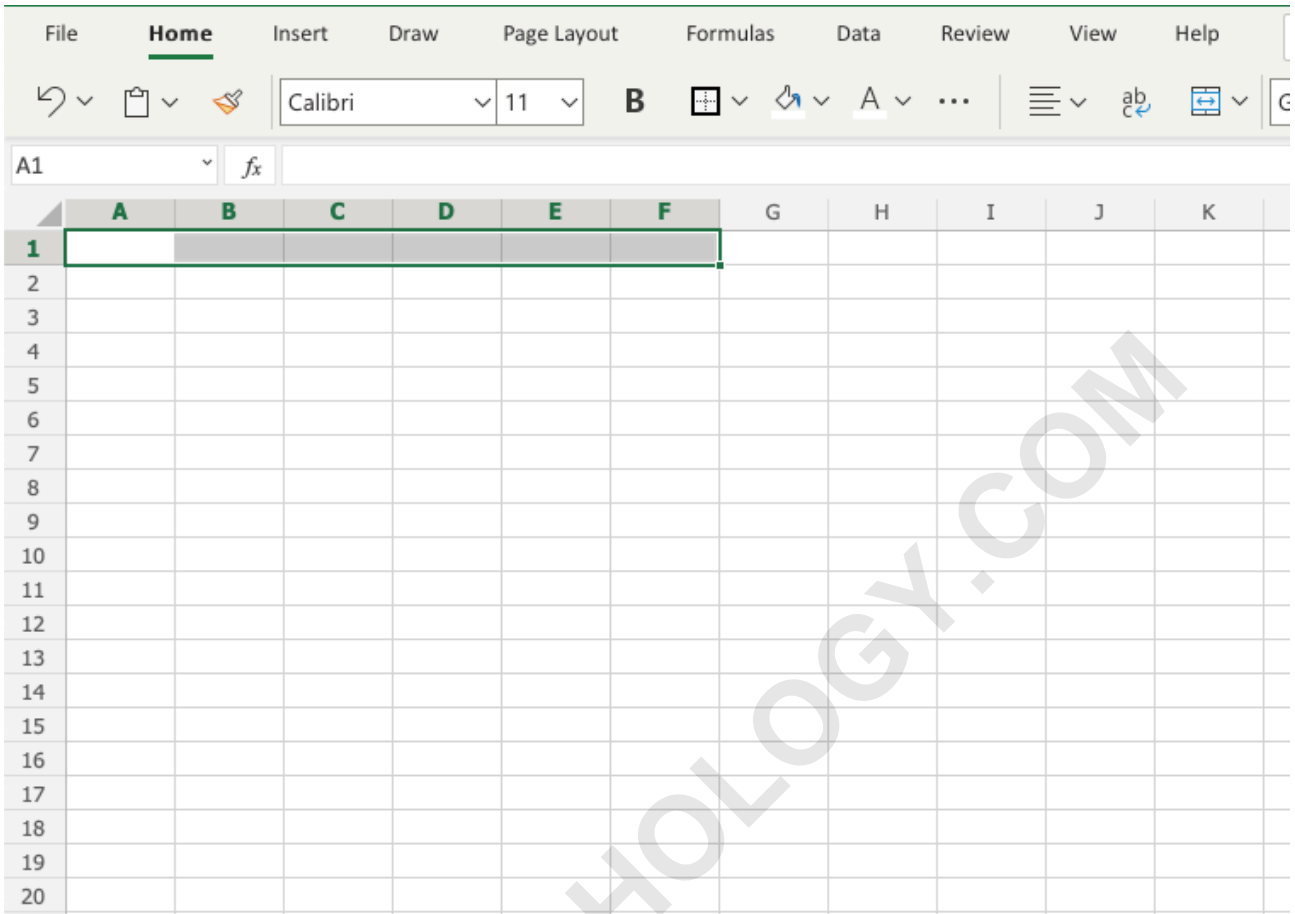
The option allows selection of theme colors, standard colors or use of HEX or RGB codes by clicking on the More Colors option:

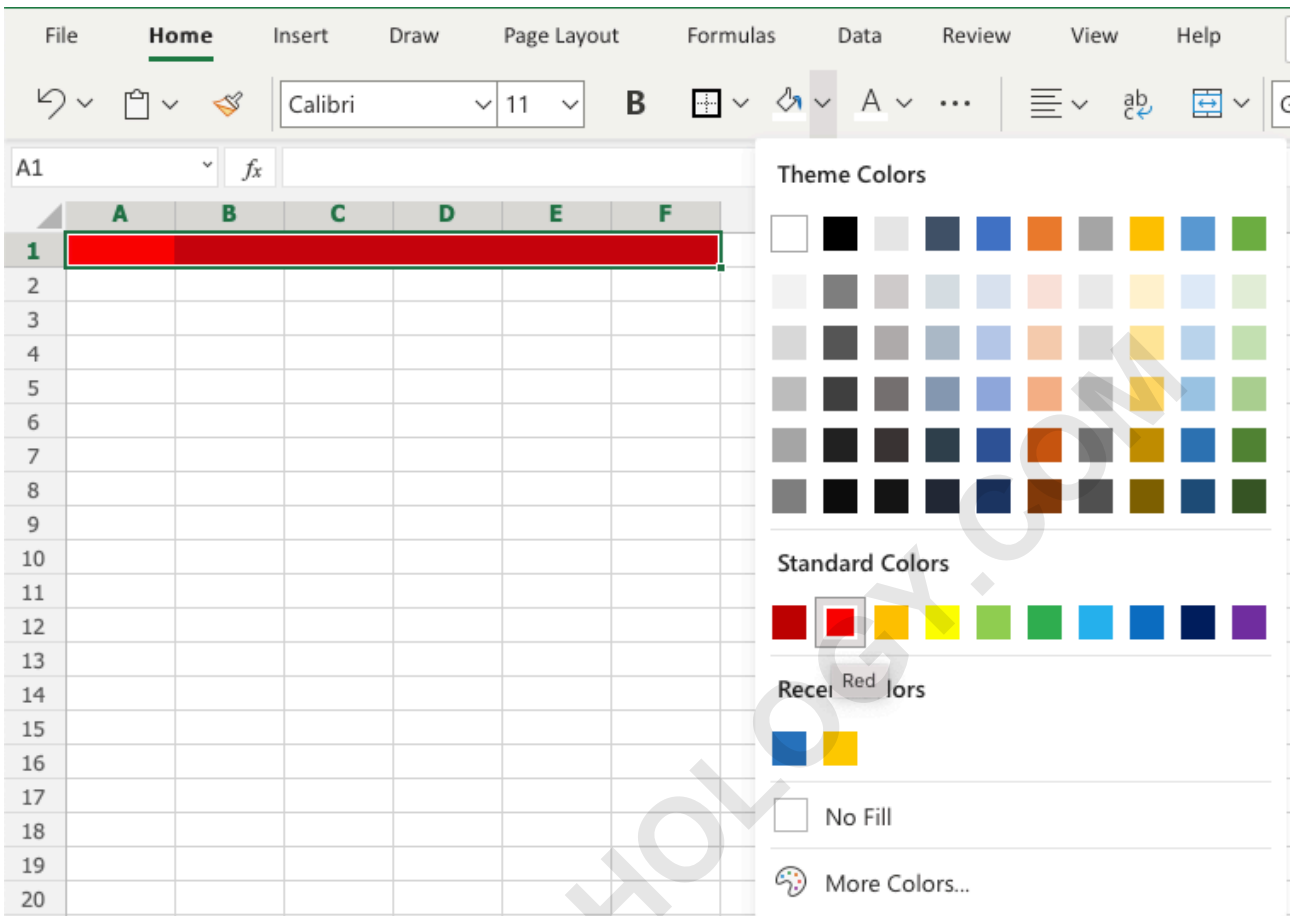


Colors are made from red, green, blue and are universal. Entering a color in one way will give you the code in the other. For example if you enter a HEX code, it will give you the RGB code for the same color.

Let's try some examples.

Starting with **theme** and **standard** colors:

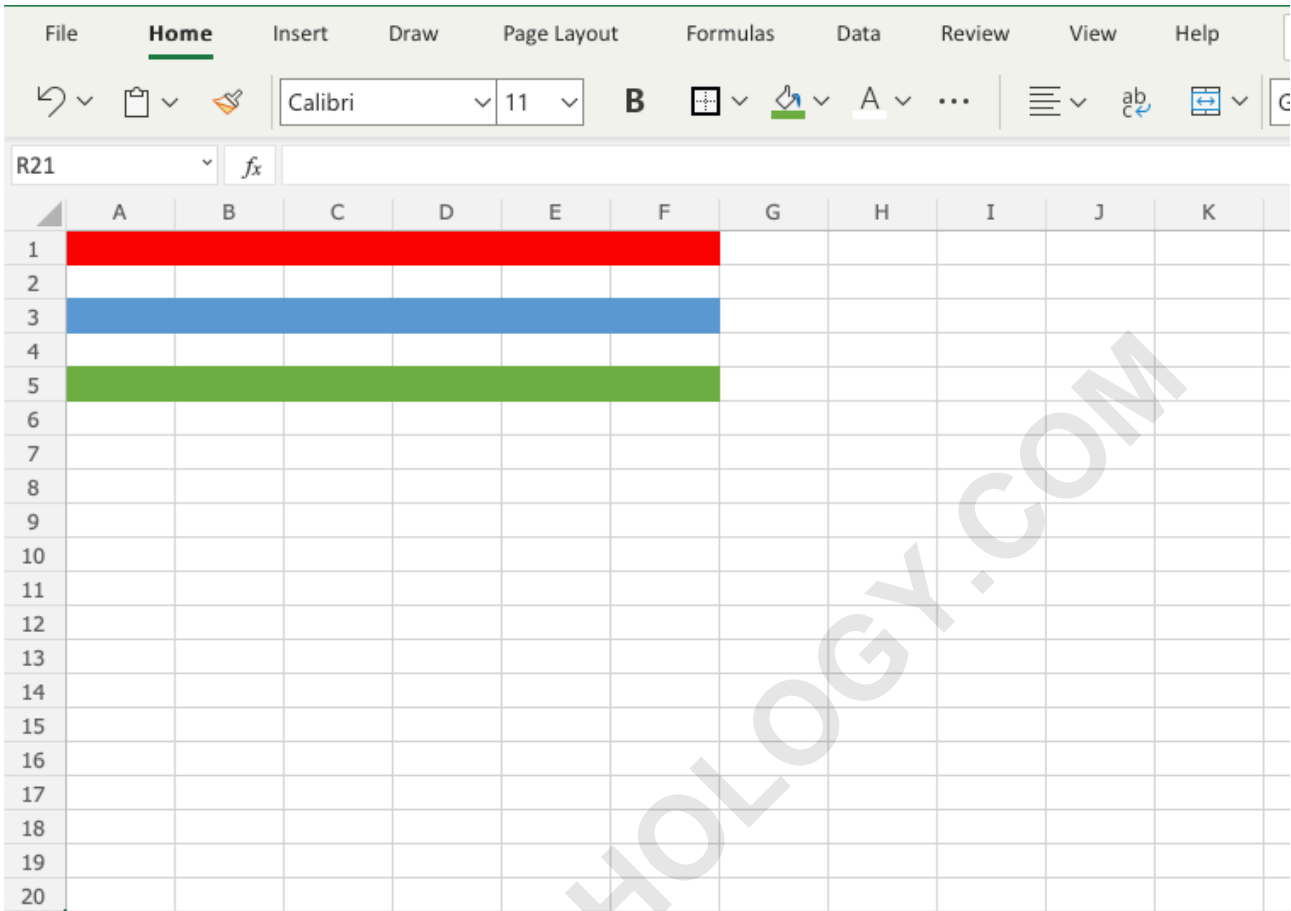




Great!

Try to apply the following colors:

Theme color blue (accent 5) to A3:F3. Theme color green (accent 6) and A5:F5.



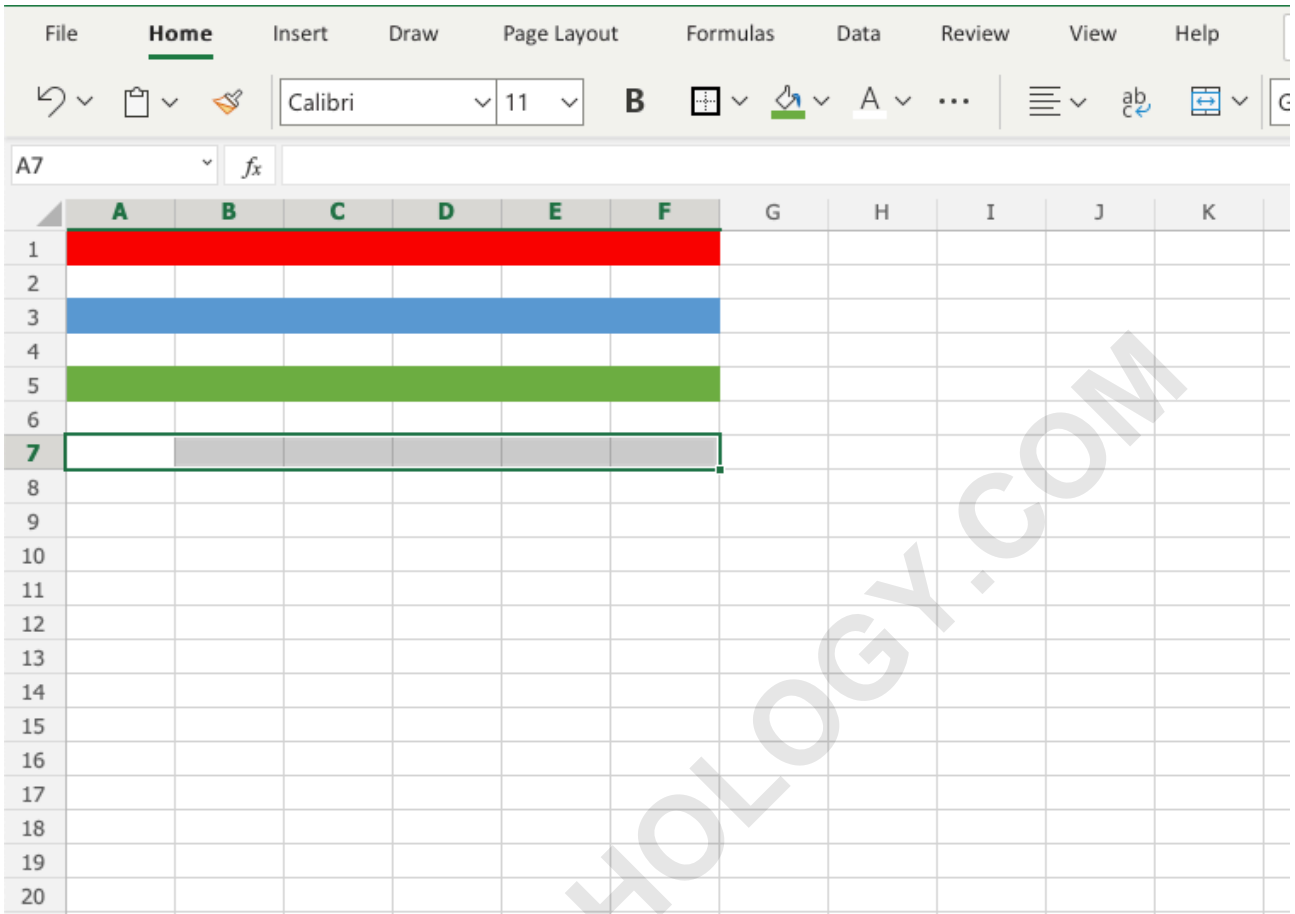
Did you make it?

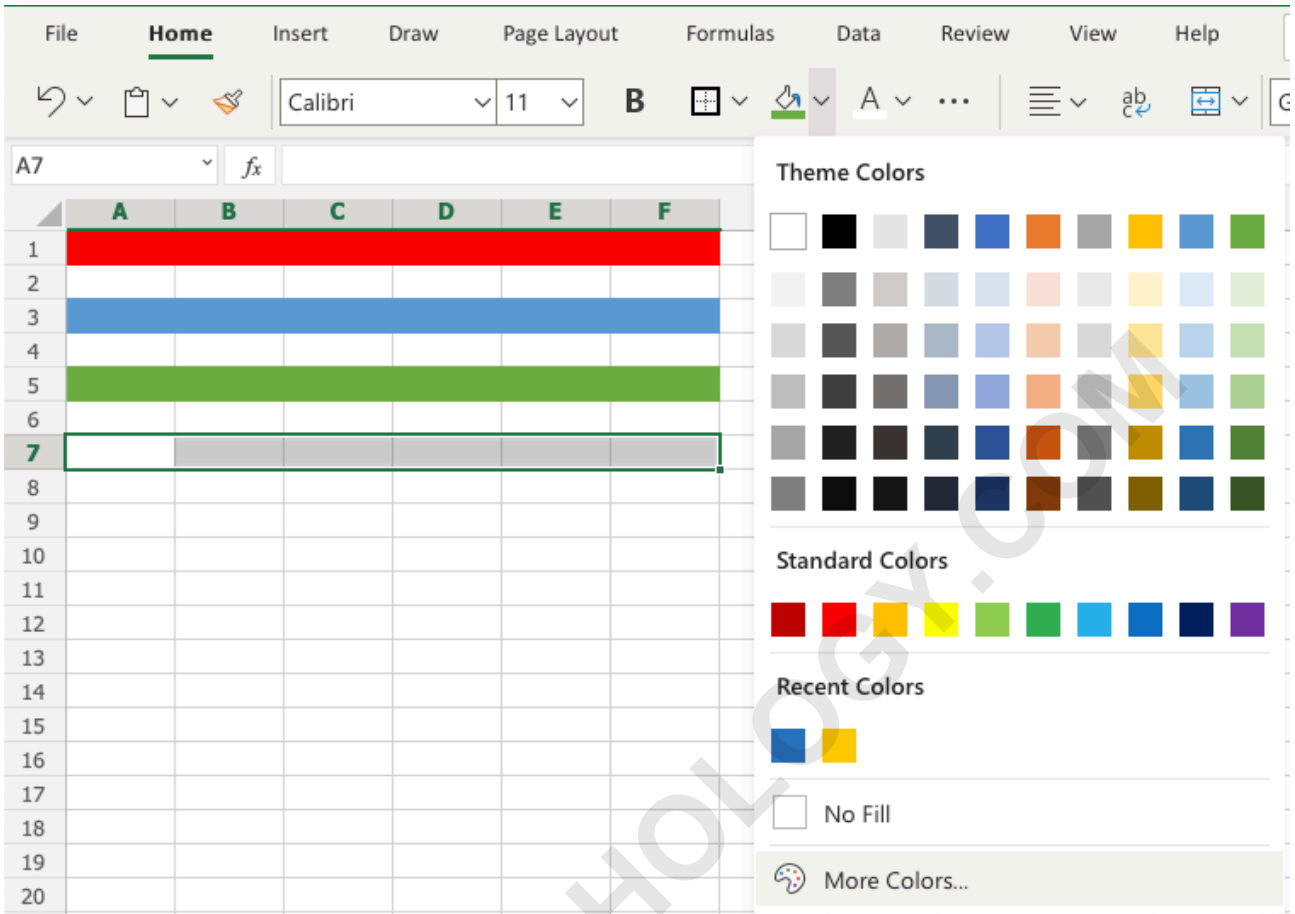
Let's apply colors using HEX and RGB codes.

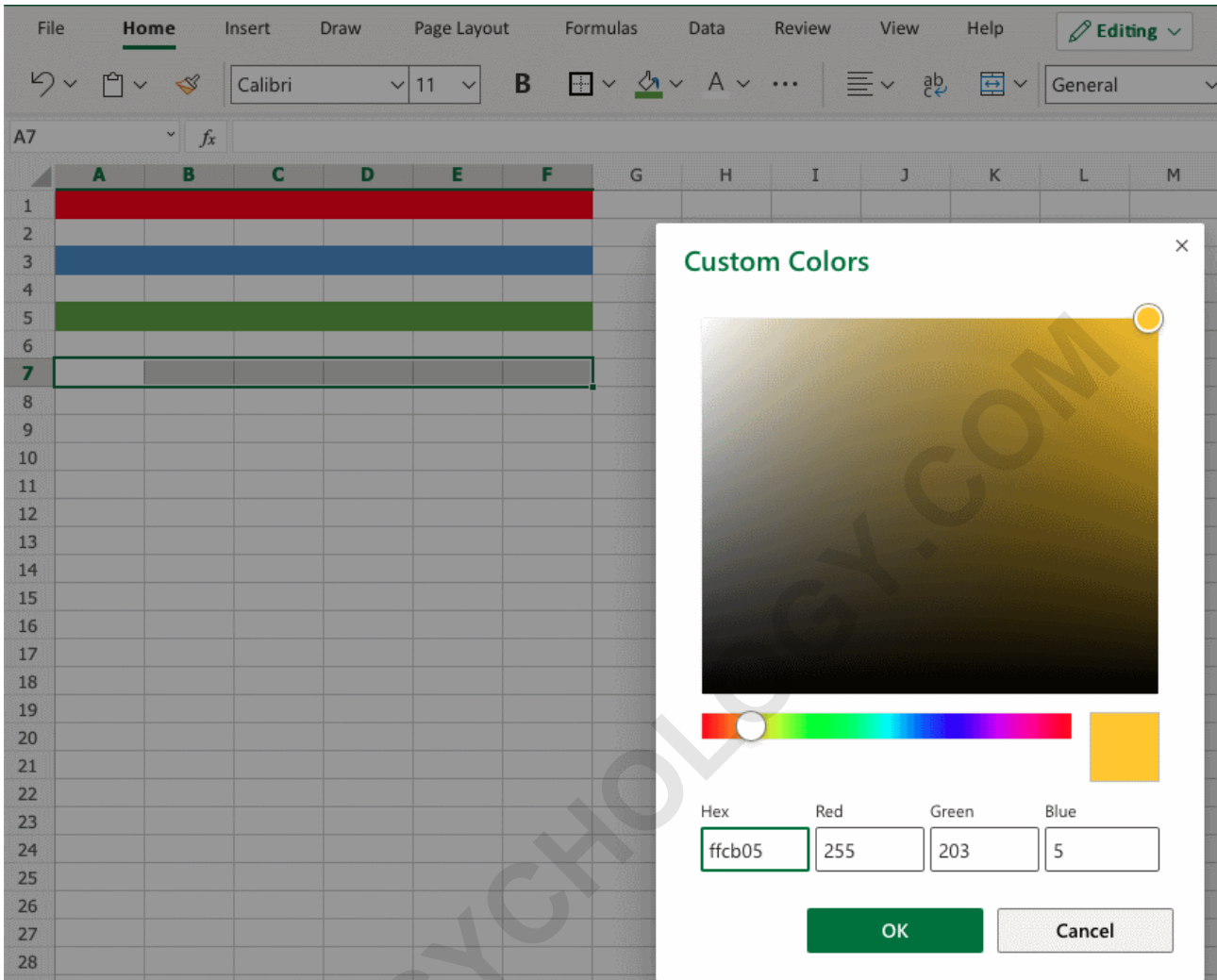
Apply HEX code #ffc005 to A7:F7:

Step by step:

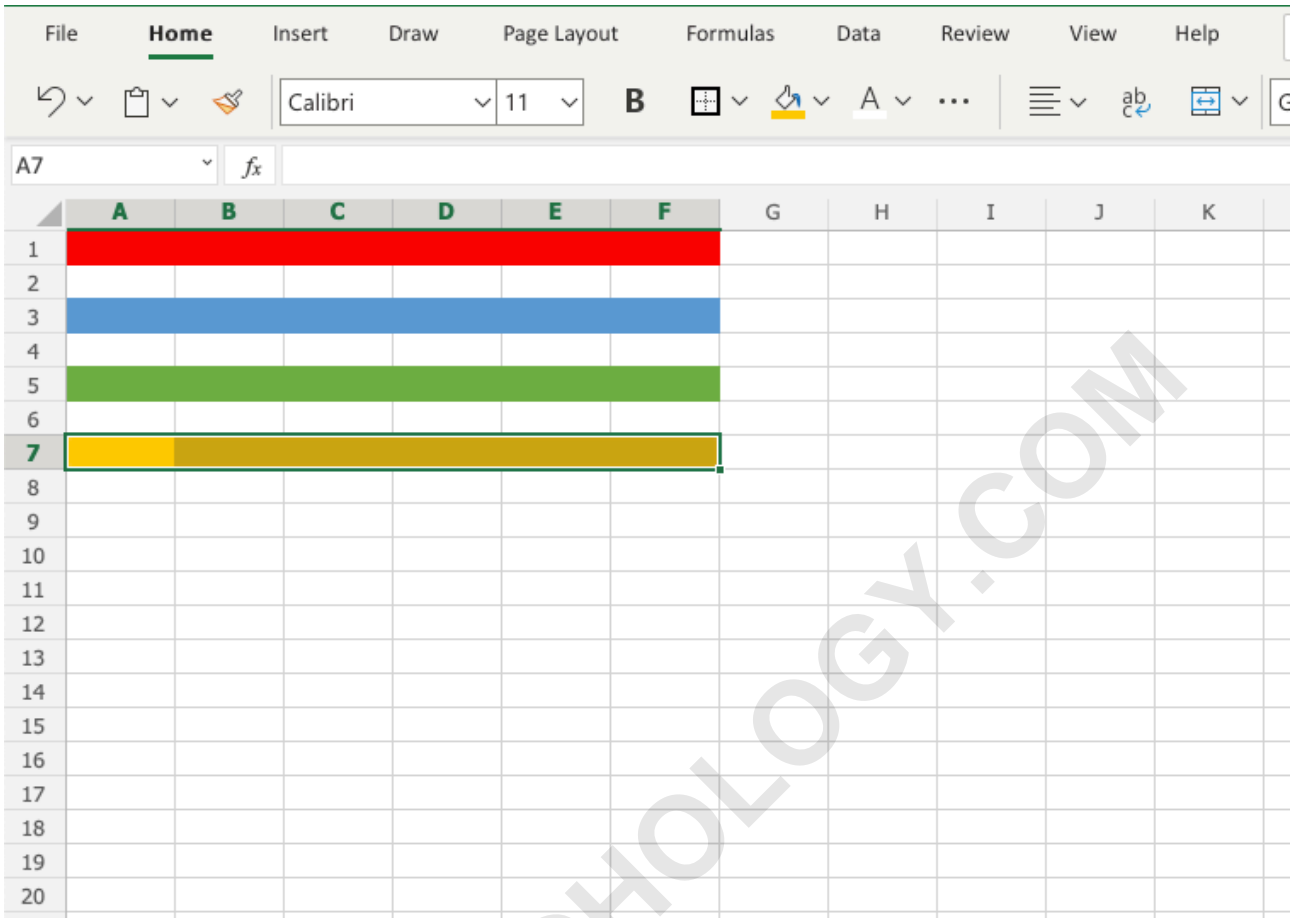
Select A7:F7 Open color options Click **More colors** Insert #ffc005 in the **HEX** input field Hit enter







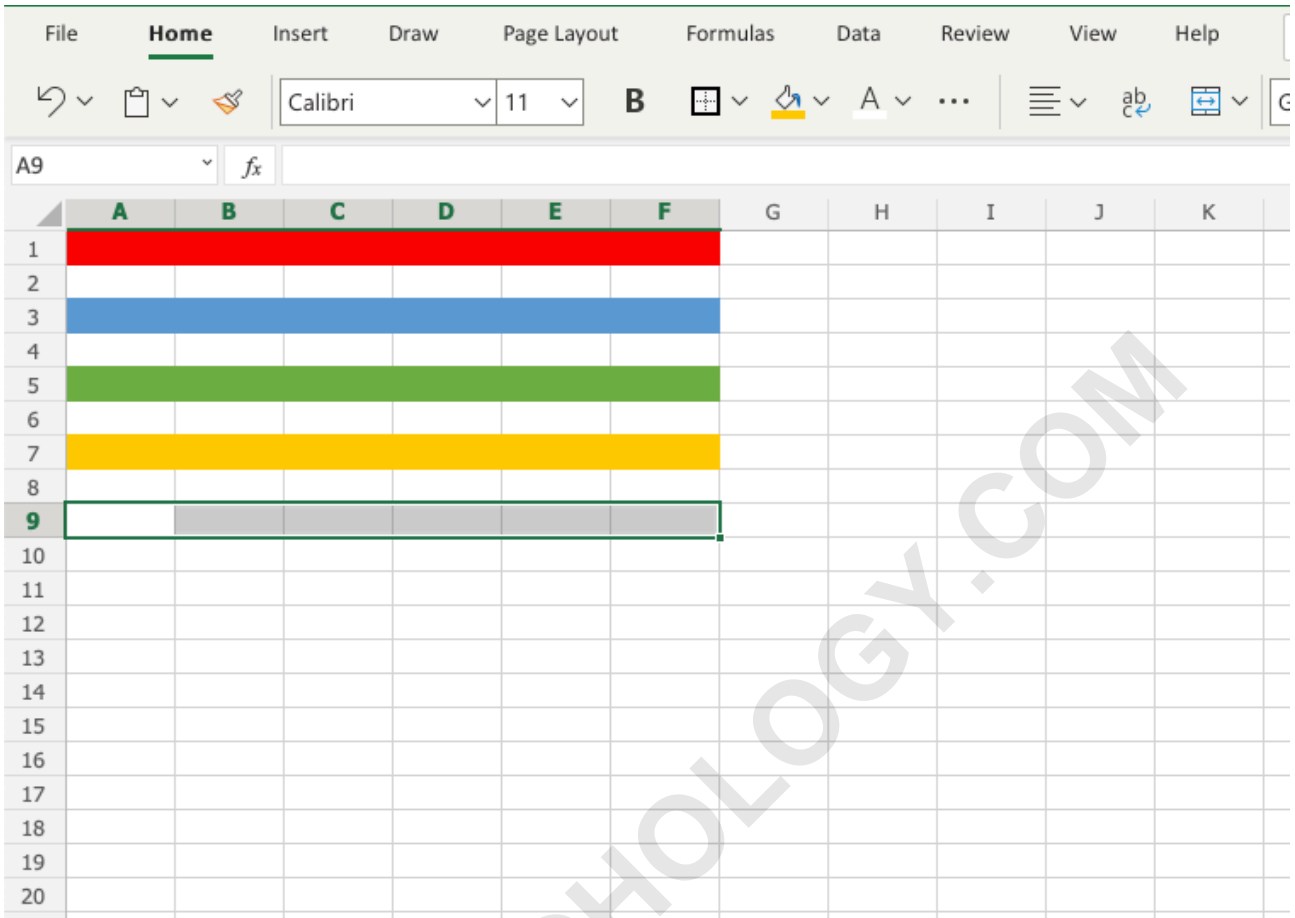
Notice that applying the HEX code gives the RGB code for the same color, and shows where that color is positioned on the color map.

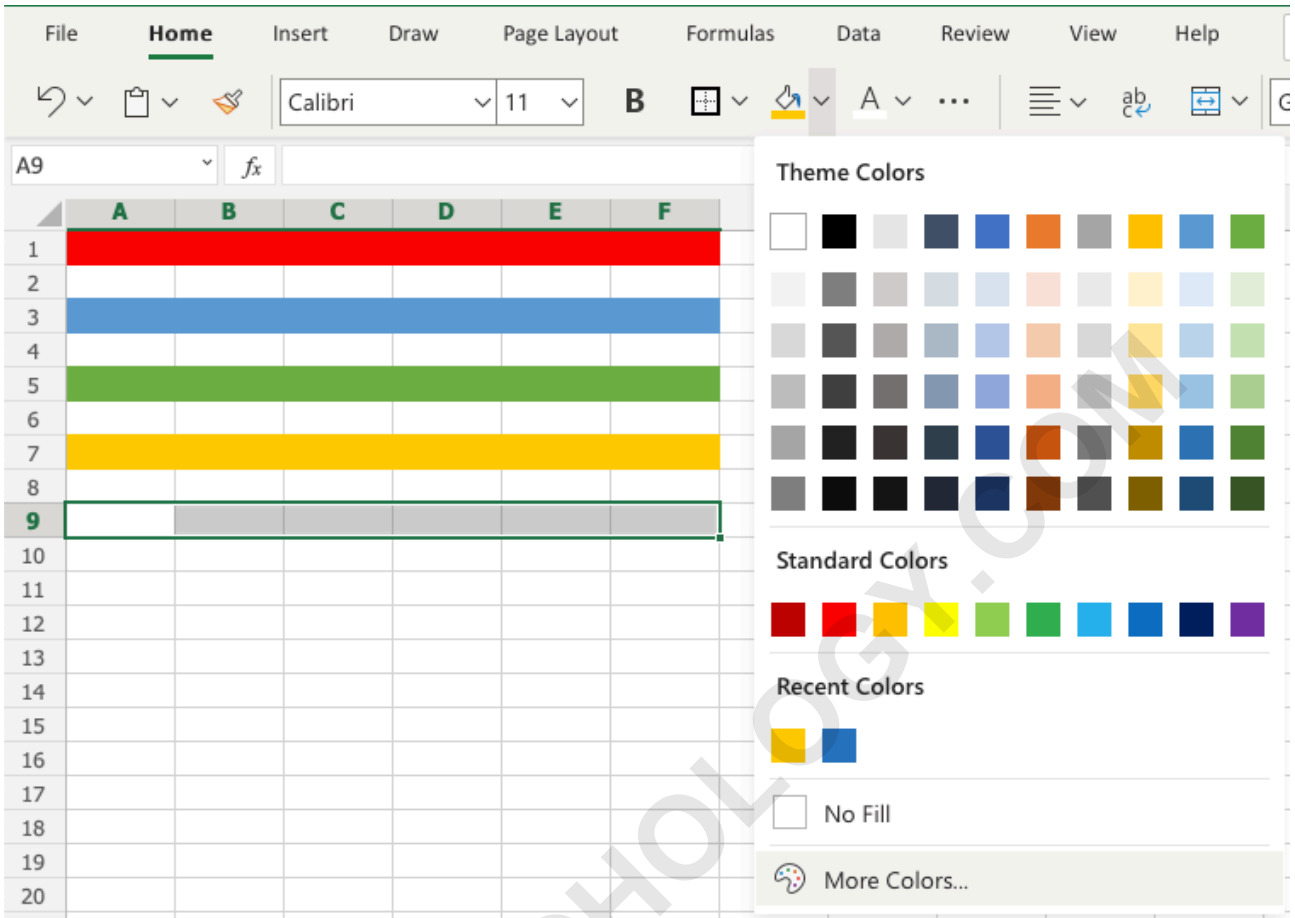


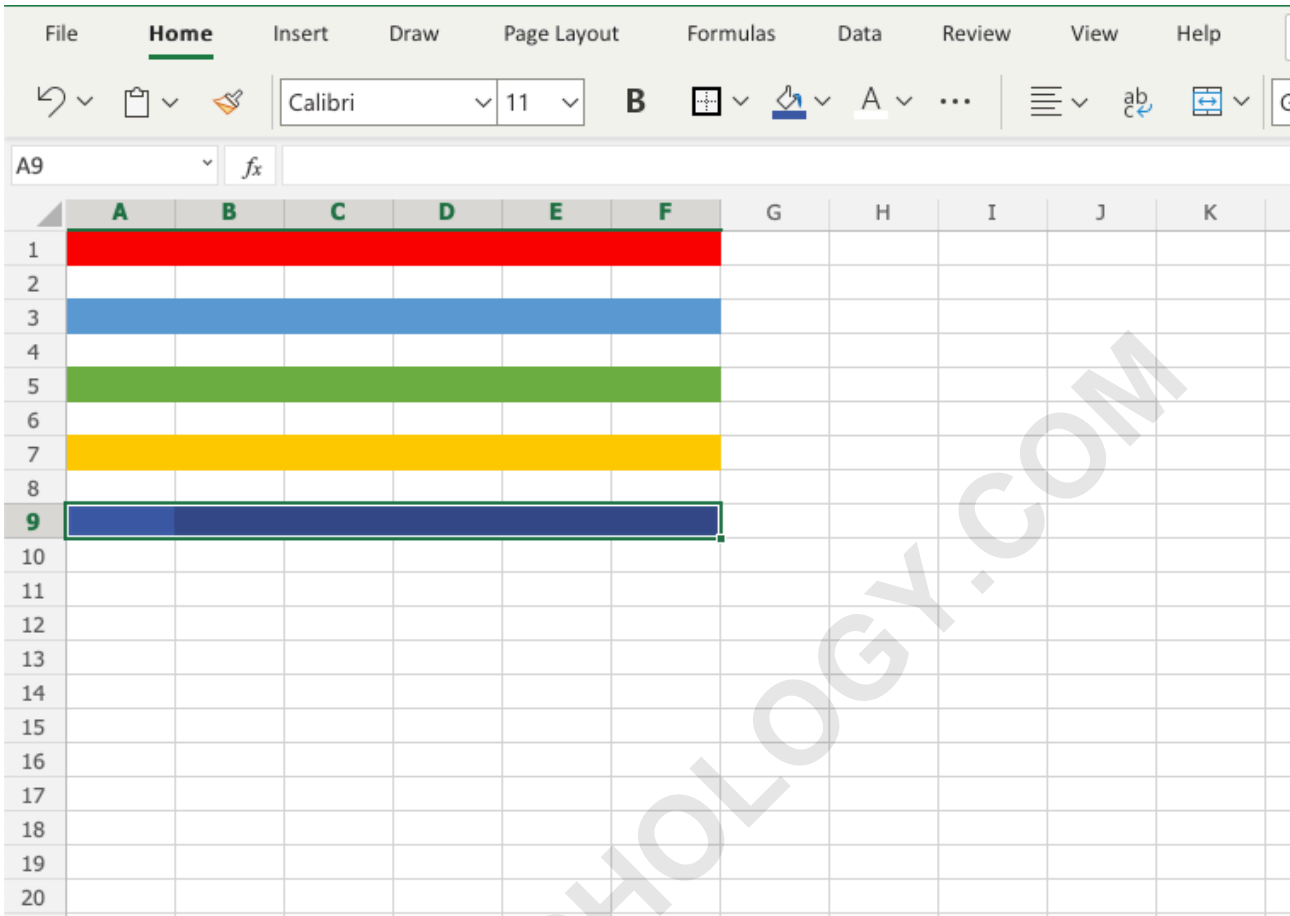
Apply RGB code 60, 90, 166 to A9:F9

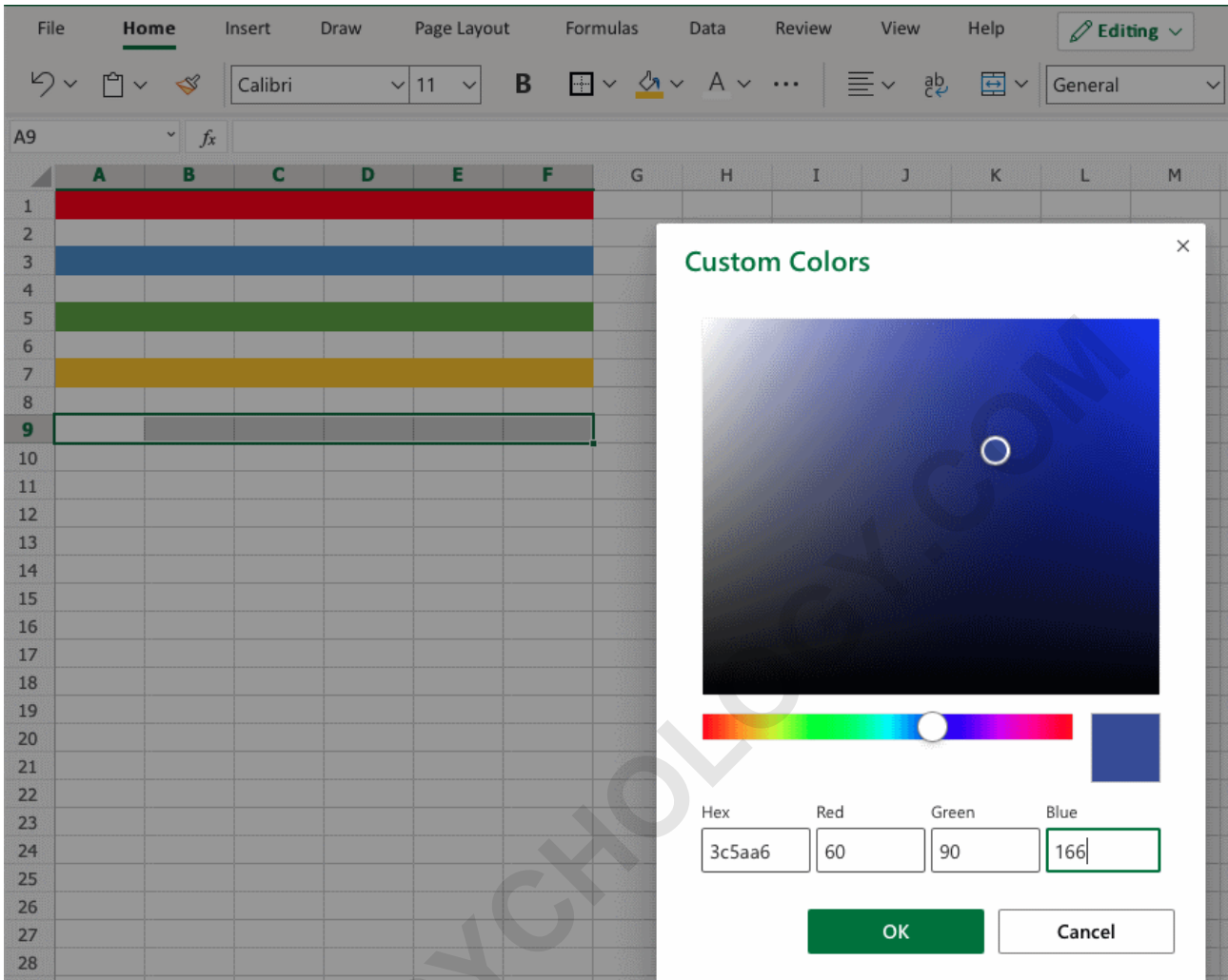
Step by step:

Select A9:F9 Open color options Click More colors Insert 60, 90, 166 in the **RGB** input field Hit enter









Notice that entering the RGB code also gives the HEX code and shows you where the color is positioned on the color map.

Well done! You have successfully applied colors using the standard, theme, HEX and RGB codes.

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