How to set Colors for Bars in Bar Plot in R?

**R barplot() – Set Colors for Bars in Bar Plot**

To set colors for bars in Bar Plot drawn using barplot() function, pass the required color value(s) for `col` parameter in the function call.

- The `col` parameter can accept a single value for color, or a vector of color values to set color(s) for bars in the bar plot.

If a single color value is passed for `col` parameter, then the color of all bars will be set with this color.

If a vector is passed, whose length is equal to the number of bars, then the bars will be set with the respective color from the vector.

### Examples

In the following program, we set different colors for different bars in the bar plot by passing a vector of colors to `col` parameter in barplot() function call.

```R
height <- c(2, 4, 7, 5)
barplot(height, col = c("red", "green", "yellow", "blue"))
```

**Output**

![Bar Plot with Different Colors](image-url)
If we pass a single value for `col` parameter in `barplot()` function call, then this color value will be set for all the bars.

```r
example.R

height <- c(2, 4, 7, 5)
barplot(height, col = "yellow")
```

Output

![Barplot with yellow bars](image)

We can pass hex values in RGB or RGBA format for colors.

```r
example.R

height <- c(2, 4, 7, 5)
barplot(height, col = c("#eb8060", "#b9e38d", "#a1e9f0", "#d9b1f0"))
```

Output

![Barplot with yellow bars](image)
Conclusion

In this R Tutorial, we learned how to set specific colors for bars in Bar Plot using R barplot() function, with the help of examples.
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