

# How can I highlight cells in VBA with examples?

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## RECOMMENDED CITATION

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The process of highlighting cells in VBA involves using specific commands and functions to change the appearance of selected cells. This allows for better organization and emphasis of certain data within a spreadsheet. One example is using the "Interior.Color" function to change the background color of a cell. Another example is using the "Font.Bold" function to make the text within a cell appear bold. By using a combination of these commands and functions, users can effectively highlight cells in their VBA code to improve the readability and visual appeal of their spreadsheets.

## Highlight Cells in VBA (With Examples)

You can use the following methods in VBA to highlight cells:

### Method 1: Highlight Active Cell

```
Sub HighlightActiveCell()  
ActiveCell.Interior.Color = vbYellow  
End Sub
```

This particular macro will highlight the currently active cell with a yellow background.

### Method 2: Highlight Range of Cells

```
Sub HighlightRange()  
Range("B2:B10").Interior.Color = vbYellow  
End Sub
```

This particular macro will highlight each cell in the

range B2:B10 with a yellow background.

### Method 3: Highlight Range of Cells Based on Criteria

#### Sub HighlightRangeBasedOnCriteria()

Dim rng As Range

For Each rng In Range("B2:B10")

If rng.Value > 20 Then

rng.Interior.Color = vbYellow

End IfNext rng

End Sub

This particular macro will highlight each cell in the range B2:B10 that has a value greater than 20.

The following examples show how to use each method in practice with the following dataset in Excel:

	A	B	C	D	E	F
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>			
2	Mavs	22	4			
3	Heat	14	5			
4	Nets	29	5			
5	Mavs	24	4			
6	Warriors	37	8			
7	Warriors	20	10			
8	Mavs	16	14			
9	Nets	18	10			
10	Heat	20	7			
11						
12						
13						
14						
15						
16						
17						
18						

### Example 1: Highlight Active Cell

Suppose we currently have cell B3 selected.

We can create the following macro to highlight this active cell:

```
Sub HighlightActiveCell()
```

```
ActiveCell.Interior.Color = vbYellow
```

```
End Sub
```

When we run this macro, we receive the following

## output:

	A	B	C	D	E	F
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>			
2	Mavs	22	4			
3	Heat	14	5			
4	Nets	29	5			
5	Mavs	24	4			
6	Warriors	37	8			
7	Warriors	20	10			
8	Mavs	16	14			
9	Nets	18	10			
10	Heat	20	7			
11						
12						
13						
14						
15						
16						
17						
18						

Notice that cell B3 is highlighted and all other cells are simply left untouched.

### Example 2: Highlight Range of Cells

Suppose we would like to highlight each cell in the range B2:B10.

We can create the following macro to do so:

### Sub HighlightRange()

```
Range("B2:B10").Interior.Color = vbYellow  
End Sub
```

When we run this macro, we receive the following output:

	A	B	C	D	E	F
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>			
2	Mavs	22	4			
3	Heat	14	5			
4	Nets	29	5			
5	Mavs	24	4			
6	Warriors	37	8			
7	Warriors	20	10			
8	Mavs	16	14			
9	Nets	18	10			
10	Heat	20	7			
11						
12						
13						
14						
15						
16						
17						

Notice that each cell in the range B2:B10 is highlighted and all other cells are left untouched.

### Example 3: Highlight Range of Cells Based on Criteria

Suppose we would like to highlight each cell in the range B2:B10 that has a value greater than 20.

**We can create the following macro to do so:**

**Sub HighlightRangeBasedOnCriteria()**

**Dim rng As Range**

**For Each rng In Range("B2:B10")**

**If rng.Value > 20 Then**

**rng.Interior.Color = vbYellow**

**End IfNext rng**

**End Sub**

**When we run this macro, we receive the following output:**

	A	B	C	D	E	F
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>			
2	Mavs	22	4			
3	Heat	14	5			
4	Nets	29	5			
5	Mavs	24	4			
6	Warriors	37	8			
7	Warriors	20	10			
8	Mavs	16	14			
9	Nets	18	10			
10	Heat	20	7			
11						
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18						

**Notice that each cell in the range B2:B10 with a value greater than 20 is highlighted and all other cells are left untouched.**