
INDICATOR HUB

RGB Color Guide

For RadarScreen & Chart Indicators



5 Ready-Made Palettes

70+ Individual Colors

Color Mixing Cheat Sheet

Table of Contents

1 How to Customize Your Colors

2 Default Dark Palette

3 Alternative Palettes

3a Midnight Blue

3b Earth Tones

3c Neon Subdued

3d Grayscale

3e Monochrome Green

4 Individual Colors by Hue

4a Greens (Bullish)

4b Reds (Bearish)

4c Blues / Teals (Info)

4d Yellows / Ambers (Signals)

4e Magentas / Purples

4f Neutrals / Grays

4g Text Colors

5 Quick Reference

6 Color Mixing Cheat Sheet

1. How to Customize Your Colors

You can change any color in your Indicator Hub indicators without editing code. All color changes are made through the Inputs tab in TradeStation.

For Chart Indicators (Chart, ShowMe, PaintBar)

1. Right-click anywhere on your chart. A menu will appear.
2. Hover over "Studies" in the menu, then click "Edit Studies..." from the submenu.
3. A window will open showing all studies on your chart. Select the indicator you want to change.
4. Click the "Inputs" tab. Find the color input you want to change (like "TrueBGColor" or "BullColor").
5. Click the value next to the input name. Delete the old value and type your new RGB code from this guide.
6. Click OK or Close. The colors on your chart will update immediately.

For RadarScreen Indicators

1. Right-click the indicator column header in your RadarScreen window.
2. Hover over "Studies" in the menu, then click "Edit [Indicator Name] for All Symbols..."
3. Click the "Inputs" tab. Find the color input you want to change.
4. Click the value, delete the old value, and type your new RGB code.
5. Click OK or Close. The colors in RadarScreen will update immediately.

About Quotes

Some inputs need quotes around the RGB code. Look at the current value: if it has quotes like "RGB(25, 100, 52)" then your new value needs quotes too. Type the quote marks around the whole thing. If the input does NOT have quotes (just a number or true/false), then type without quotes.

IMPORTANT - COPY EXACTLY

Copy the RGB code exactly as shown in this guide. Even a small typo will prevent the color from working.

For example: RGB(25, 100, 52)

Every number, comma, space, and parenthesis matters. If you miss a comma or add an extra space, the color will not apply.

TIPS

- Keep background values BELOW 160 for readable white text
- Keep text values ABOVE 180 for visibility on dark backgrounds
- Change one color at a time so you can see each change clearly









2. Default Dark Palette

Currently used in all Indicator Hub indicators.





Background Colors

These are the cell background colors in RadarScreen and chart indicator plots.

PURPOSE	RGB CODE	HEX	DESCRIPTION
 Bullish / Positive	RGB(25, 100, 52)	#196434	Dark forest green
 Strong Bullish	RGB(12, 65, 30)	#0C411E	Very dark green
 Bearish / Negative	RGB(140, 30, 35)	#8C1E23	Dark crimson
 Strong Bearish	RGB(88, 18, 24)	#581218	Very dark red
 Info / Alerts	RGB(18, 88, 112)	#125870	Dark teal
 Signals / Warnings	RGB(150, 126, 16)	#967E10	Dark amber/gold
 Rejection / Special	RGB(110, 24, 86)	#6E1856	Dark magenta
 Neutral / Inactive	RGB(28, 28, 38)	#1C1C26	Near-black

Text Colors









These are the text colors displayed on top of the backgrounds.

PURPOSE	RGB CODE	HEX	DESCRIPTION
 On colored background	RGB(230, 230, 235)	#E6E6EB	Soft white
 On neutral background	RGB(160, 165, 175)	#A0A5AF	Dim gray

3a. Midnight Blue

A cooler, blue-tinted theme for low-light environments.



PURPOSE	RGB CODE	HEX	DESCRIPTION
 Bullish / Positive	RGB (20, 82, 110)	#14526E	Dark steel blue
 Strong Bullish	RGB (12, 55, 78)	#0C374E	Very dark navy blue
 Bearish / Negative	RGB (125, 35, 50)	#7D2332	Dark rose
 Strong Bearish	RGB (78, 20, 32)	#4E1420	Very dark burgundy
 Info / Alerts	RGB (25, 72, 130)	#194882	Dark cobalt
 Signals / Warnings	RGB (135, 110, 30)	#876E1E	Dark goldenrod
 Rejection / Special	RGB (95, 30, 110)	#5F1E6E	Dark purple
 Neutral / Inactive	RGB (22, 24, 42)	#16182A	Dark navy black









HOW TO USE THIS PALETTE

To use this palette, open your indicator's Inputs tab (Chart: right-click chart ' Studies ' Edit Studies. RadarScreen: right-click column header ' Studies ' Edit for All Symbols) and replace each color input with the matching RGB code from the table above. Keep text colors the same (Soft White / Dim Gray) for readability.

3b. Earth Tones

Warm, natural colors — easy on the eyes for extended sessions.



PURPOSE	RGB CODE	HEX	DESCRIPTION
 Bullish / Positive	RGB(45, 95, 40)	#2D5F28	Olive green
 Strong Bullish	RGB(28, 62, 25)	#1C3E19	Dark olive
 Bearish / Negative	RGB(130, 55, 30)	#82371E	Dark burnt orange
 Strong Bearish	RGB(85, 35, 18)	#552312	Very dark sienna
 Info / Alerts	RGB(50, 85, 95)	#32555F	Dark slate teal
 Signals / Warnings	RGB(145, 115, 35)	#917323	Dark bronze
 Rejection / Special	RGB(100, 40, 60)	#64283C	Dark mauve
 Neutral / Inactive	RGB(35, 32, 28)	#23201C	Dark charcoal brown









HOW TO USE THIS PALETTE

To use this palette, open your indicator's Inputs tab (Chart: right-click chart ' Studies ' Edit Studies. RadarScreen: right-click column header ' Studies ' Edit for All Symbols) and replace each color input with the matching RGB code from the table above. Keep text colors the same (Soft White / Dim Gray) for readability.

3c. Neon Subdued

Slightly brighter but still dark — for users who want more pop.



PURPOSE	RGB CODE	HEX	DESCRIPTION
 Bullish / Positive	RGB (30, 130, 65)	#1E8241	Medium dark green
 Strong Bullish	RGB (18, 90, 42)	#125A2A	Dark emerald
 Bearish / Negative	RGB (165, 38, 45)	#A5262D	Medium dark red
 Strong Bearish	RGB (110, 22, 30)	#6E161E	Dark scarlet
 Info / Alerts	RGB (25, 115, 150)	#197396	Medium dark teal
 Signals / Warnings	RGB (180, 150, 22)	#B49616	Medium dark gold
 Rejection / Special	RGB (140, 32, 110)	#8C206E	Medium dark magenta
 Neutral / Inactive	RGB (32, 32, 45)	#20202D	Dark blue-gray









HOW TO USE THIS PALETTE

To use this palette, open your indicator's Inputs tab (Chart: right-click chart ' Studies ' Edit Studies. RadarScreen: right-click column header ' Studies ' Edit for All Symbols) and replace each color input with the matching RGB code from the table above. Keep text colors the same (Soft White / Dim Gray) for readability.

3d. Grayscale

No color at all — purely brightness-based differentiation.



PURPOSE	RGB CODE	HEX	DESCRIPTION
 Bullish / Positive	RGB (70, 75, 70)	#464B46	Medium dark gray
 Strong Bullish	RGB (48, 52, 48)	#303430	Dark gray
 Bearish / Negative	RGB (55, 50, 50)	#373232	Warm dark gray
 Strong Bearish	RGB (38, 34, 34)	#262222	Very dark warm gray
 Info / Alerts	RGB (60, 65, 72)	#3C4148	Cool dark gray
 Signals / Warnings	RGB (80, 78, 65)	#504E41	Warm medium gray
 Rejection / Special	RGB (65, 55, 65)	#413741	Muted purple-gray
 Neutral / Inactive	RGB (28, 28, 30)	#1C1C1E	Near-black









HOW TO USE THIS PALETTE

To use this palette, open your indicator's Inputs tab (Chart: right-click chart ' Studies ' Edit Studies. RadarScreen: right-click column header ' Studies ' Edit for All Symbols) and replace each color input with the matching RGB code from the table above. Keep text colors the same (Soft White / Dim Gray) for readability.

3e. Monochrome Green

All green shades — retro terminal aesthetic.



PURPOSE	RGB CODE	HEX	DESCRIPTION
 Bullish / Positive	RGB (15, 110, 50)	#0F6E32	Bright terminal green
 Strong Bullish	RGB (8, 72, 30)	#08481E	Dark terminal green
 Bearish / Negative	RGB (10, 55, 28)	#0A371C	Very muted green
 Strong Bearish	RGB (5, 35, 15)	#05230F	Almost-black green
 Info / Alerts	RGB (20, 95, 65)	#145F41	Teal-green
 Signals / Warnings	RGB (60, 120, 20)	#3C7814	Yellow-green
 Rejection / Special	RGB (5, 45, 40)	#052D28	Dark cyan-green
 Neutral / Inactive	RGB (5, 18, 10)	#05120A	Near-black green















HOW TO USE THIS PALETTE

To use this palette, open your indicator's Inputs tab (Chart: right-click chart ' Studies ' Edit Studies. RadarScreen: right-click column header ' Studies ' Edit for All Symbols) and replace each color input with the matching RGB code from the table above. Keep text colors the same (Soft White / Dim Gray) for readability.

4a. Greens (Bullish)

Pick individual colors to build your own custom palette. All values are designed for dark backgrounds with white text.

















PURPOSE	RGB CODE	HEX	DESCRIPTION	
	Darkest forest	RGB(8, 45, 20)	#082D14	Very subtle
	Very dark green	RGB(12, 65, 30)	#0C411E	Strong bull (default)
	Dark green	RGB(18, 80, 38)	#125026	
	Dark forest green	RGB(25, 100, 52)	#196434	Bull (default)
	Medium dark green	RGB(30, 115, 58)	#1E733A	More visible
	Medium green	RGB(35, 130, 65)	#238241	Getting brighter
	Muted dark green	RGB(20, 90, 50)	#145A32	Natural look
	Dark teal-green	RGB(15, 75, 55)	#0F4B37	Cool tone
	Dark jade	RGB(28, 95, 42)	#1C5F2A	Slightly yellow-green
	Dark sea green	RGB(10, 70, 45)	#0A462D	Blue-green tint
	Dark leaf green	RGB(22, 88, 35)	#165823	Pure green
	Medium emerald	RGB(40, 110, 48)	#286E30	Brighter option
	Dark olive green	RGB(45, 95, 40)	#2D5F28	Warm green
	Dark grass green	RGB(30, 80, 30)	#1E501E	Yellow-green tint

4b. Reds (Bearish)

Pick individual colors to build your own custom palette. All values are designed for dark backgrounds with white text.
















PURPOSE	RGB CODE	HEX	DESCRIPTION	
	Darkest crimson	RGB(55, 10, 12)	#370A0C	Very subtle
	Very dark red	RGB(72, 15, 18)	#480F12	
	Very dark crimson	RGB(88, 18, 24)	#581218	Strong bear (default)
	Dark blood red	RGB(110, 22, 28)	#6E161C	
	Dark crimson	RGB(125, 28, 32)	#7D1C20	
	Dark red	RGB(140, 30, 35)	#8C1E23	Bear (default)
	Medium dark red	RGB(155, 35, 40)	#9B2328	More visible
	Dark rust	RGB(120, 40, 30)	#78281E	Warm red
	Dark raspberry	RGB(130, 25, 45)	#82192D	Pink-red
	Dark brick	RGB(95, 20, 20)	#5F1414	Pure red
	Dark rose	RGB(110, 30, 50)	#6E1E32	Blue-red tint
	Dark sienna	RGB(85, 35, 18)	#552312	Brown-red
	Dark burnt orange	RGB(140, 45, 25)	#8C2D19	Orange-red
	Dark wine	RGB(100, 18, 35)	#641223	Deep burgundy

4c. Blues / Teals (Info)

Pick individual colors to build your own custom palette. All values are designed for dark backgrounds with white text.









PURPOSE	RGB CODE	HEX	DESCRIPTION	
	Darkest navy	RGB(8, 40, 60)	#08283C	Very subtle
	Very dark teal	RGB(12, 55, 80)	#0C3750	
	Dark teal	RGB(18, 72, 95)	#12485F	
	Dark teal (default)	RGB(18, 88, 112)	#125870	Info (default)
	Medium dark teal	RGB(22, 100, 130)	#166482	More visible
	Medium teal	RGB(25, 115, 150)	#197396	Getting brighter
	Dark royal blue	RGB(15, 60, 100)	#0F3C64	Pure blue
	Dark navy	RGB(20, 45, 85)	#142D55	Deep blue
	Dark steel blue	RGB(30, 80, 110)	#1E506E	Gray-blue
	Dark cyan	RGB(25, 95, 95)	#195F5F	Equal G and B
	Dark ocean	RGB(12, 65, 85)	#0C4155	Blue-green
	Dark cornflower	RGB(35, 70, 120)	#234678	Medium blue
	Dark midnight	RGB(18, 50, 72)	#123248	Very deep
	Dark cadet blue	RGB(28, 88, 100)	#1C5864	Muted teal

4d. Yellows / Ambers (Signals)

Pick individual colors to build your own custom palette. All values are designed for dark backgrounds with white text.

















PURPOSE	RGB CODE	HEX	DESCRIPTION	
	Darkest amber	RGB(80, 68, 8)	#504408	Very subtle
	Very dark gold	RGB(110, 92, 12)	#6E5C0C	
	Dark gold	RGB(130, 108, 14)	#826C0E	
	Dark amber	RGB(150, 126, 16)	#967E10	Signal (default)
	Medium dark amber	RGB(170, 142, 20)	#AA8E14	More visible
	Medium amber	RGB(185, 155, 25)	#B99B19	Getting brighter
	Dark bronze	RGB(140, 115, 35)	#8C7323	Warm amber
	Dark yellow	RGB(145, 130, 18)	#918212	More yellow
	Dark orange-gold	RGB(160, 120, 15)	#A0780F	Orange tint
	Dark brass	RGB(125, 105, 20)	#7D6914	Muted gold
	Dark saffron	RGB(135, 100, 10)	#87640A	Rich gold
	Dark lime-gold	RGB(155, 140, 30)	#9B8C1E	Green-yellow
	Dark khaki	RGB(120, 95, 25)	#785F19	Earthy amber
	Dark honey	RGB(148, 110, 12)	#946E0C	Warm gold

4e. Magentas / Purples

Pick individual colors to build your own custom palette. All values are designed for dark backgrounds with white text.













PURPOSE	RGB CODE	HEX	DESCRIPTION	
	Darkest magenta	RGB(55, 12, 42)	#370C2A	Very subtle
	Very dark magenta	RGB(75, 18, 58)	#4B123A	
	Dark magenta	RGB(90, 22, 72)	#5A1648	
	Dark magenta (def)	RGB(110, 24, 86)	#6E1856	Rejection (default)
	Med. dark magenta	RGB(130, 30, 100)	#821E64	More visible
	Medium magenta	RGB(150, 35, 115)	#962373	Getting brighter
	Dark purple	RGB(85, 20, 95)	#55145F	Blue-magenta
	Dark violet	RGB(70, 25, 110)	#46196E	More blue
	Dark fuchsia	RGB(100, 30, 70)	#641E46	Pink-magenta
	Dark grape	RGB(60, 18, 80)	#3C1250	Deep purple
	Dark plum	RGB(95, 28, 55)	#5F1C37	Red-purple
	Dark orchid	RGB(75, 30, 100)	#4B1E64	Balanced purple
	Dark hot pink	RGB(110, 20, 65)	#6E1441	Pink-leaning
	Dark amethyst	RGB(80, 25, 90)	#50195A	Classic purple

4f. Neutrals / Grays

Pick individual colors to build your own custom palette. All values are designed for dark backgrounds with white text.













PURPOSE	RGB CODE	HEX	DESCRIPTION	
	Almost pure black	RGB (15, 15, 18)	#0F0F12	Minimal contrast
	Very dark gray	RGB (20, 20, 25)	#141419	Subtle
	Near-black	RGB (28, 28, 38)	#1C1C26	Neutral (default)
	Dark charcoal	RGB (35, 35, 45)	#23232D	Slightly lighter
	Medium charcoal	RGB (42, 42, 52)	#2A2A34	More visible
	Dark slate	RGB (50, 50, 60)	#32323C	Clearly gray
	Dark blue-gray	RGB (25, 28, 35)	#191C23	Cool neutral
	Dark brown-gray	RGB (30, 28, 25)	#1E1C19	Warm neutral
	Dark purple-gray	RGB (32, 30, 38)	#201E26	Slightly purple
	Dark green-gray	RGB (28, 32, 28)	#1C201C	Slightly green
	Dark navy-gray	RGB (22, 24, 30)	#16181E	Blue-tinted
	Dark sepia	RGB (38, 35, 30)	#26231E	Warm tone

4g. Text Colors

Pick individual colors to build your own custom palette. All values are designed for dark backgrounds with white text.



	PURPOSE	RGB CODE	HEX	DESCRIPTION
	Pure white	RGB (255, 255, 255)	#FFFFFF	Maximum contrast
	Soft white	RGB (230, 230, 235)	#E6E6EB	Active text (default)
	Light silver	RGB (210, 212, 218)	#D2D4DA	Slightly dimmer
	Silver	RGB (190, 192, 200)	#BEC0C8	Moderate
	Dim gray	RGB (160, 165, 175)	#A0A5AF	Inactive text (default)
	Muted gray	RGB (140, 145, 155)	#8C919B	Very subtle
	Dark gray text	RGB (120, 125, 135)	#787D87	Minimal visibility
	Warm white	RGB (230, 235, 210)	#E6EBD2	Yellow-tinted
	Cool white	RGB (210, 230, 240)	#D2E6F0	Blue-tinted
	Cream white	RGB (235, 225, 210)	#EBE1D2	Warm soft

5. Quick Reference

Here is a complete walkthrough of changing a color in your indicator.

Example: Changing a Background Color

Let's say you want to change the bullish background from the default dark green to a dark teal.

The Steps

1. Chart: Right-click the chart ' Studies ' Edit Studies... ' select the indicator.
2. RadarScreen: Right-click the column header ' Studies ' Edit "[Name]" for All Symbols...
3. Click the "Inputs" tab. Find the color input (e.g. "BullBGColor").
4. Change the value as shown below, then click OK.

BEFORE (current value in the Inputs field)

```
"RGB( 25 , 100 , 52 )"
```

AFTER (your new value)

```
"RGB(18 , 88 , 112)"
```

Example: Changing a Text Color

To change the text color from the default soft white to a warm cream:

BEFORE

```
"RGB( 230 , 230 , 235 )"
```

AFTER

```
"RGB( 235 , 225 , 210 )"
```

ABOUT QUOTES

If the current value in the Inputs field has quotes around it, keep the quotes when you type the new value. For example, if you see "RGB(25, 100, 52)" with the quote marks, then type your new value the same way: "RGB(18, 88, 112)" with quote marks.

REMEMBER

Chart: Right-click chart ' Studies ' Edit Studies... ' Inputs tab ' change value ' OK

That's all there is to it. Your colors will update immediately.

6. Color Mixing Cheat Sheet

RGB Channels

- RED channel = warmth / fire
- GREEN channel = nature / growth
- BLUE channel = cool / calm

Channel Combinations

- R + G = Yellows / Ambers / Oranges
- R + B = Magentas / Purples / Pinks
- G + B = Teals / Cyans / Aquas
- R + G + B = Grays (equal) / Whites (high)

Darker

Divide all values by 2.
Keep ratios the same.

```
RGB(100, 200, 50)  
RGB( 50, 100, 25)
```

More Muted

Move all values toward
the same middle value.

```
RGB(150, 30, 30)  
RGB(120, 45, 45)
```

Warmer

Increase R slightly,
decrease B slightly.

```
RGB(25, 100, 52)  
RGB(35, 100, 42)
```

Cooler

Decrease R slightly,
increase B slightly.

```
RGB(25, 100, 52)  
RGB(15, 100, 62)
```