

Converting Colors

`RYB(129, 134, 193)`

Have a look what the booklet for
RYB(129, 134, 193) contains.

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Color

R_YB(129, 134, 193)

Conversions

Conversions Part 1

Format	Color
Hex	8186C1
RGB	129, 134, 193
RGB Percent	51%, 53%, 76%
CMY	0.4941, 0.4728, 0.2431
CMYK	0.33, 0.30, 0.00, 0.24
HSL	235°, 34%, 63%
HSV	235°, 33%, 76%
XYZ	27.2627, 25.6849, 53.9729
YIQ	139.2310, -21.9190, 17.2890

Conversions

Conversions Part 2

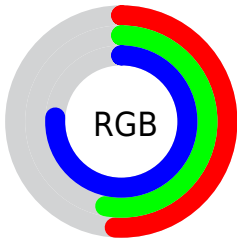
Format	Color
RYB	129, 134, 193
Decimal	8488641
CIELab	57.74, 11.92, -31.15
CIElCh	58, 33.352, 290.932
Yxy	25.6849, 0.2550, 0.2402
Android (android.graphics.Color)	4286678721 (0xFF8186C1)
YUV	139.2310, 26.5081, -8.9726
Hunter-Lab	50.6803, 7.3307, -27.6657

Details

The RYB color **129, 134, 193** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **134, 193, 129**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **183, 187, 250**, and **77, 84, 139** is the 20% darker color. If you saturate the color by 10%, you get **110, 116, 193**, and if you desaturate by 10%, it is **148, 152, 193**.

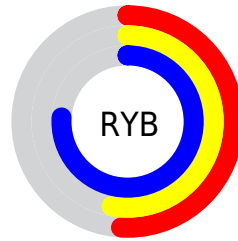
Distribution



Red (51%)

Green (53%)

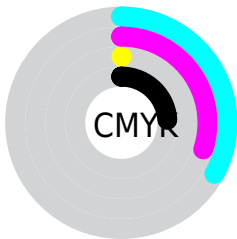
Blue (76%)



Red (51%)

Yellow (53%)

Blue (76%)

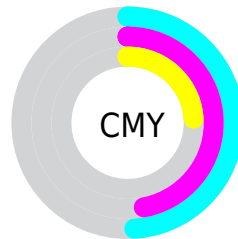


Cyan (33%)

Magenta (30%)

Yellow (0%)

Black (24%)



Cyan (49%)

Magenta (47%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the RYB color 129, 134, 193 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 129, 134, 193 by changing the saturation by 10% instead.

 129, 134, 193


255, 255, 255

 183, 188, 250

 212, 215, 255

 240, 243, 255


 129, 134, 193

 103, 108, 166

 77, 84, 139

 52, 61, 113

 25, 37, 89

 0, 15, 65

 0, 1, 43

 0, 1, 21

 0, 0, 0

 129, 134, 193

 129, 134, 193

■ 110, 116, 193

■ 148, 152, 193

■ 90, 98, 193

■ 168, 170, 193

■ 71, 80, 193

■ 187, 187, 193

■ 52, 63, 193

■ 194, 206, 193

■ 32, 45, 193

■ 196, 226, 193

■ 13, 27, 193

■ 199, 245, 193

■ 0, 15, 193

■ 193, 255, 193

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80, 121, 196



129, 134, 193



167, 124, 176

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



129, 134, 193



186, 138, 95



65, 117, 154

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



129, 134, 193



134, 193, 129

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101, 150, 147



129, 134, 193



132, 166, 81

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



129, 134, 193



195, 117, 119



83, 143, 89



11, 84, 159

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



129, 134, 193



184, 118, 158



83, 143, 89



78, 126, 153

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



129, 134, 193



225, 227, 250



129, 163, 193



110, 111, 125



252, 252, 252



125, 125, 125

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



129, 134, 193



150, 157, 250



155, 129, 193



87, 88, 97



0, 13, 161



0, 3, 33

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



193, 129, 134



250, 150, 158



129, 193, 155



97, 87, 88



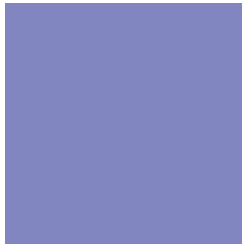
161, 0, 14



33, 0, 3

Previews

White Background



This preview shows how the RYB color 129, 134, 193 looks on a white background.

Color Contrast Check

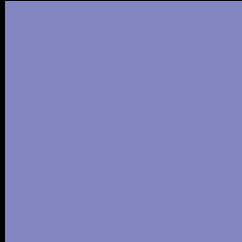
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 129, 134, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 129, 134, 193 Background



This preview shows how black text looks on a background with the RYB color 129, 134, 193.



This preview shows how white text looks on a background with the RYB color 129, 134, 193.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

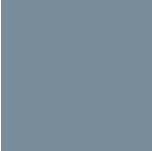
Dichromacy



Original Color
129, 134, 193

Protanopia
121, 134, 195

Deuteranopia
121, 134, 192



Tritanopia
120, 133, 153

Trichromacy



Original Color

129, 134, 193

Protanomaly

124, 134, 194

Deuteranomaly

124, 134, 192

Tritanomaly

123, 135, 168

Monochromacy



Original Color

129, 134, 193

Achromatopsia

139, 139, 139

Achromatomaly

135, 137, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 134, 193 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(129, 134, 193)` looks like.

```
.text, #text, p{  
    color:rgb(129, 134, 193)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(129, 134, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 134, 193) }
```

Border

The CSS property to change the border of an element to RYB 129, 134, 193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 134, 193) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(129, 134, 193) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(129, 134, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 134, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 134, 193);  
box-shadow:4px 4px 4px 4px rgb(129, 134,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 129, 134, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 134, 193) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(129,  
134, 193) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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