

Converting Colors

`RYB(128, 142, 194)`

Have a look what the booklet for
RYB(128, 142, 194) contains.

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Color

R_YB(128, 142, 194)

Conversions

Conversions Part 1

Format	Color
Hex	8092C2
RGB	128, 146, 194
RGB Percent	50%, 57%, 76%
CMY	0.4980, 0.4284, 0.2392
CMYK	0.34, 0.25, 0.00, 0.24
HSL	224°, 35%, 63%
HSV	224°, 34%, 76%
XYZ	28.8830, 28.9709, 55.1086
YIQ	146.0900, -26.1360, 11.1120

Conversions

Conversions Part 2

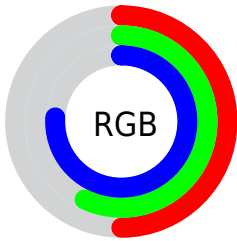
Format	Color
R_{YB}	128, 142, 194
Decimal	8426178
CIE Lab	60.76, 5.31, -27.05
CIE LCh	61, 27.564, 281.105
Yxy	28.9709, 0.2557, 0.2565
Android (android.graphics.Color)	4286616258 (0xFF8092C2)
YUV	146.0900, 23.6196, -15.8649
Hunter-Lab	53.8246, 1.5924, -23.0271

Details

The RYB color **128, 142, 194** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **153, 194, 128**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **182, 196, 251**, and **76, 91, 140** is the 20% darker color. If you saturate the color by 10%, you get **109, 127, 194**, and if you desaturate by 10%, it is **147, 157, 194**.

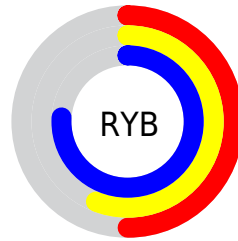
Distribution



Red (50%)

Green (57%)

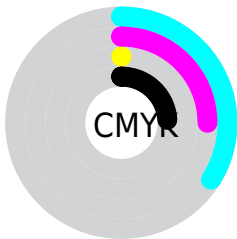
Blue (76%)



Red (50%)

Yellow (56%)

Blue (76%)

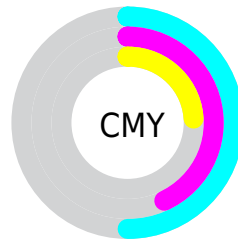


Cyan (34%)

Magenta (25%)

Yellow (0%)

Black (24%)



Cyan (50%)

Magenta (43%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the RYB color 128, 142, 194 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 128, 142, 194 by changing the saturation by 10% instead.

 128, 142, 194


255, 255, 255

 182, 196, 251

 211, 223, 255

 239, 247, 255

 128, 142, 194

 102, 116, 167


 76, 91, 140

 51, 67, 115

 24, 43, 90

 0, 20, 66

 0, 2, 44

 0, 1, 22

 0, 0, 0

 128, 142, 194

 128, 142, 194

■ 109, 127, 194

■ 147, 157, 194

■ 89, 111, 194

■ 167, 173, 194

■ 70, 96, 194

■ 186, 188, 194

■ 50, 81, 194

■ 200, 206, 194

■ 31, 66, 194

■ 205, 225, 194

■ 12, 51, 194

■ 212, 244, 194

■ 0, 41, 194

■ 206, 255, 194

■ 194, 255, 194

Harmonies

Analogous

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



92, 130, 192



128, 142, 194



161, 137, 183

Triad

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



128, 142, 194



192, 136, 116



99, 139, 159

Complementary

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



128, 142, 194



153, 194, 128

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.



109, 155, 137



128, 142, 194



173, 177, 101

Square

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



128, 142, 194



195, 128, 138



106, 155, 98



74, 118, 160

Rectangle

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



128, 142, 194



178, 132, 170



106, 155, 98



108, 147, 158

Sweetspot

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



128, 142, 194



227, 232, 252



128, 167, 194



112, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



128, 142, 194



149, 171, 252



142, 128, 194



87, 89, 97



0, 34, 161



0, 7, 33

Inverse Universe

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



194, 128, 146



252, 149, 177



128, 194, 142



97, 87, 90



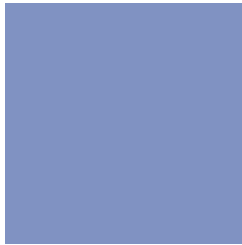
161, 0, 43



33, 0, 9

Previews

White Background



This preview shows how the RYB color 128, 142, 194 looks on a white background.

Color Contrast Check

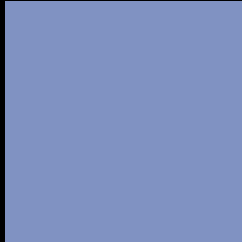
Large Text (above 18pt) WCAG AA ✓ Pass

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 128, 142, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

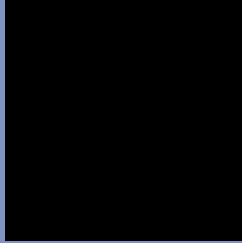
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

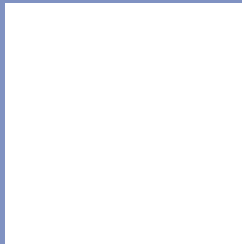
Any Text WCAG AAA × Fail

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

R Y B 128, 142, 194 Background



This preview shows how black text looks on a background with the R Y B color 128, 142, 194.



This preview shows how white text looks on a background with the R Y B color 128, 142, 194.

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
128, 142, 194

Protanopia
133, 143, 193

Deuteranopia
134, 143, 194



Tritanopia
121, 139, 163

Trichromacy



Original Color
128, 142, 194

Protanomaly
131, 142, 193

Deuteranomaly
132, 143, 194

Tritanomaly
124, 141, 174

Monochromacy



Original Color
128, 142, 194

Achromatopsia
146, 146, 146

Achromatomaly
139, 144, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 146, 194 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(128, 146, 194) looks like.

```
.text, #text, p{  
    color:rgb(128, 146, 194)  
}
```

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(128, 146, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 146, 194) }
```

Border

The CSS property to change the border of an element to RYB 128, 142, 194 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(128, 146, 194) }
```

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

```
.border{ border-color:rgb(128, 146, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 146, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 146, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 146, 194);  
box-shadow:4px 4px 4px 4px rgb(128, 146,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 128, 142, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 146, 194) }
```

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

```
.background{ background-color: rgb(128,  
146, 194) }
```

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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