

Converting Colors

`RYB(129, 140, 190)`

Have a look what the booklet for
RYB(129, 140, 190) contains.

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Color

R_YB(129, 140, 190)

Conversions

Conversions Part 1

Format	Color
Hex	818EBE
RGB	129, 142, 190
RGB Percent	51%, 56%, 75%
CMY	0.4941, 0.4415, 0.2549
CMYK	0.32, 0.25, 0.00, 0.25
HSL	227°, 32%, 63%
HSV	227°, 32%, 75%
XYZ	28.0831, 27.8561, 52.6118
YIQ	143.5850, -23.1560, 12.1720

Conversions

Conversions Part 2

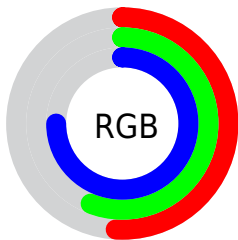
Format	Color
RYB	129, 140, 190
Decimal	8490686
CIELab	59.76, 6.48, -26.32
CIELCh	60, 27.108, 283.822
Yxy	27.8561, 0.2587, 0.2566
Android (android.graphics.Color)	4286680766 (0xFF818EBE)
YUV	143.5850, 22.8826, -12.7910
Hunter-Lab	52.7788, 2.6153, -22.1572

Details

The RYB color **129, 140, 190** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **146, 190, 129**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **183, 194, 246**, and **77, 89, 136** is the 20% darker color. If you saturate the color by 10%, you get **110, 125, 190**, and if you desaturate by 10%, it is **148, 155, 190**.

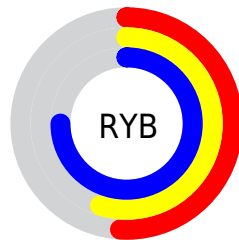
Distribution



Red (51%)

Green (56%)

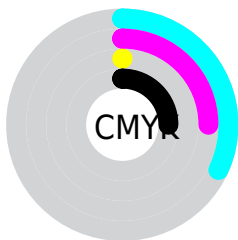
Blue (75%)



Red (51%)

Yellow (55%)

Blue (75%)

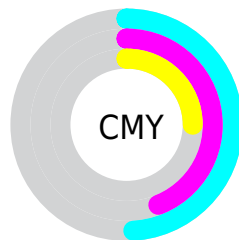


Cyan (32%)

Magenta (25%)

Yellow (0%)

Black (25%)



Cyan (49%)

Magenta (44%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 140, 190 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, 140, 190 by changing the saturation by 10% instead.

 129, 140, 190

255, 255, 255

 183, 194, 246

 211, 221, 255

 240, 247, 255


 129, 140, 190

 103, 114, 163

 77, 89, 136

 52, 65, 111

 27, 42, 86


 0, 18, 63

 0, 0, 41

 0, 1, 19

 0, 0, 0

 129, 140, 190

 129, 140, 190

■ 110, 125, 190

■ 148, 155, 190

■ 91, 109, 190

■ 167, 171, 190

■ 72, 93, 190

■ 186, 187, 190

■ 53, 78, 190

■ 194, 205, 190

■ 34, 62, 190

■ 199, 224, 190

■ 15, 46, 190

■ 206, 243, 190

■ 0, 34, 190

■ 200, 255, 190

■ 190, 255, 190

Harmonies

Analogous

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



94, 129, 189



129, 140, 190



161, 134, 178

Triad

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



129, 140, 190



187, 136, 112



95, 134, 156

Complementary

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



129, 140, 190



146, 190, 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.



109, 152, 138



129, 140, 190



163, 172, 99

Square

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



129, 140, 190



192, 126, 134



100, 149, 97



71, 115, 157

Rectangle

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



129, 140, 190



177, 129, 165



100, 149, 97



104, 142, 155

Sweetspot

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



129, 140, 190



223, 227, 247



129, 163, 190



110, 113, 125



252, 252, 252



125, 125, 125

Same Dimension

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



129, 140, 190



151, 168, 247



145, 129, 190



85, 87, 94



0, 29, 158



0, 6, 31

Inverse Universe

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



190, 129, 142



247, 151, 172



129, 190, 145



94, 85, 87



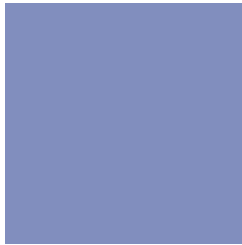
158, 0, 35



31, 0, 7

Previews

White Background



This preview shows how the RYB color 129, 140, 190 looks on a white background.

Color Contrast Check

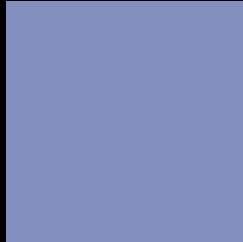
Large Text (above 18pt) WCAG AA ✓ Pass

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, 140, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

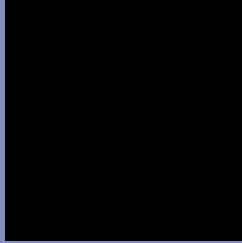
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

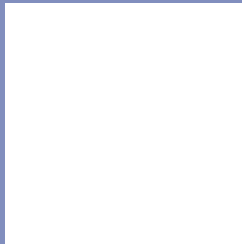
Any Text WCAG AAA × Fail

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

R Y B 129, 140, 190 Background



This preview shows how black text looks on a background with the R Y B color 129, 140, 190.



This preview shows how white text looks on a background with the R Y B color 129, 140, 190.

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, 140, 190

Protanopia

131, 140, 190

Deuteranopia

132, 140, 190



Tritanopia
122, 137, 160

Trichromacy



Original Color
129, 140, 190

Protanomaly
130, 140, 190

Deuteranomaly
131, 140, 190

Tritanomaly
125, 139, 171

Monochromacy



Original Color
129, 140, 190

Achromatopsia
144, 144, 144

Achromatomaly
139, 142, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 140, 190 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, 142, 190)` looks like.

```
.text, #text, p{  
    color:rgb(129, 142, 190)  
}
```

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, 142, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 142, 190) }
```

Border

The CSS property to change the border of an element to RYB 129, 140, 190 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, 142, 190) }
```

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

```
.border{ border-color:rgb(129, 142, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 142, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 142, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 142, 190);  
box-shadow:4px 4px 4px 4px rgb(129, 142,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 129, 140, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 142, 190) }
```

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

```
.background{ background-color: rgb(129,  
142, 190) }
```

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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