

Converting Colors

`RYB(108, 131, 185)`

Have a look what the booklet for
RYB(108, 131, 185) contains.

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Color

$\text{RYB}(108, 131, 185)$

Conversions

Conversions Part 1

Format	Color
Hex	6C8DB9
RGB	108, 141, 185
RGB Percent	42%, 55%, 73%
CMY	0.5765, 0.4479, 0.2745
CMYK	0.42, 0.24, 0.00, 0.27
HSL	214°, 35%, 57%
HSV	214°, 42%, 73%
XYZ	24.4362, 25.6807, 49.5679
YIQ	136.1490, -33.7920, 6.6880

Conversions

Conversions Part 2

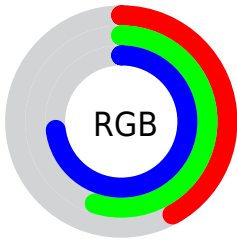
Format	Color
R _Y B	108, 131, 185
Decimal	7114169
CIE Lab	57.73, 0.12, -26.73
CIE LCh	58, 26.729, 270.255
Yxy	25.6807, 0.2451, 0.2576
Android (android.graphics.Color)	4285304249 (0xFF6C8DB9)
YUV	136.1490, 24.0835, -24.6867
Hunter-Lab	50.6761, -2.6099, -22.5202

Details

The RYB color **108, 131, 185** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **166, 185, 108**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **162, 185, 241**, and **55, 80, 132** is the 20% darker color. If you saturate the color by 10%, you get **90, 118, 185**, and if you desaturate by 10%, it is **127, 144, 185**.

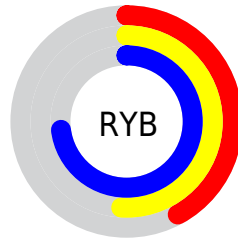
Distribution



Red (42%)

Green (55%)

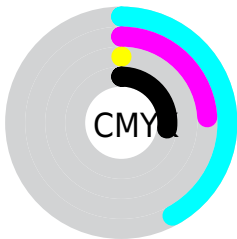
Blue (73%)



Red (42%)

Yellow (51%)

Blue (73%)

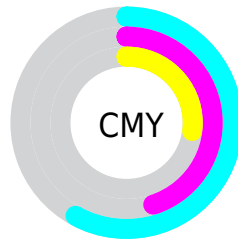


Cyan (42%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (58%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 131, 185 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 108, 131, 185 by changing the saturation by 10% instead.

■ 108, 131, 185

255, 255, 255

■ 162, 185, 241

■ 190, 211, 255

■ 219, 236, 255

■ 248, 252, 255

■ 108, 131, 185

■ 82, 105, 158

■ 55, 80, 132

■ 27, 54, 106

■ 0, 29, 82

■ 0, 18, 59

■ 0, 2, 37

■ 0, 1, 13

■ 0, 0, 0

■ 108, 131, 185

■ 108, 131, 185

■ 90, 118, 185

■ 127, 144, 185

■ 71, 105, 185

■ 145, 157, 185

■ 53, 92, 185

■ 163, 170, 185

■ 34, 79, 185

■ 182, 183, 185

■ 16, 66, 185

■ 197, 201, 185

■ 0, 55, 185

■ 209, 219, 185

■ 223, 237, 185

■ 235, 255, 185

■ 211, 255, 185

Harmonies

Analogous

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



75, 118, 179



108, 131, 185



142, 133, 179

Triad

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



108, 131, 185



184, 124, 116



103, 139, 149

Complementary

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



108, 131, 185



166, 185, 108

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.



98, 144, 112



108, 131, 185



174, 149, 99

Square

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



108, 131, 185



183, 121, 139



117, 155, 92



76, 117, 151

Rectangle

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



108, 131, 185



161, 127, 169



117, 155, 92



108, 148, 144

Sweetspot

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



108, 131, 185



211, 219, 240



108, 157, 185



103, 108, 120



247, 247, 247



120, 120, 120

Same Dimension

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



108, 131, 185



120, 156, 240



113, 108, 185



83, 86, 92



0, 46, 156



0, 8, 28

Inverse Universe

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



185, 108, 141



240, 120, 171



108, 185, 113



92, 83, 87



156, 0, 66



28, 0, 12

Previews

White Background



This preview shows how the RYB color 108, 131, 185 looks on a white background.

Color Contrast Check

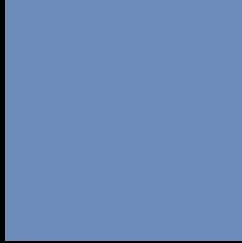
Large Text (above 18pt) WCAG AA ✓ Pass

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 108, 131, 185 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

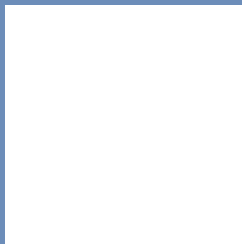
Any Text WCAG AAA × Fail

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

RYB 108, 131, 185 Background



This preview shows how black text looks on a background with the RYB color 108, 131, 185.

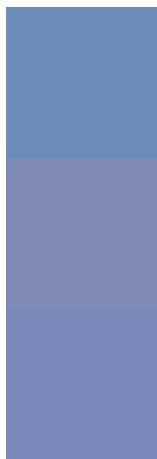


This preview shows how white text looks on a background with the RYB color 108, 131, 185.

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

108, 131, 185

Protanopia

126, 135, 182

Deuteranopia

125, 134, 186



Tritanopia
101, 126, 158

Trichromacy



Original Color
108, 131, 185

Protanomaly
119, 134, 183

Deuteranomaly
119, 134, 186

Tritanomaly
104, 129, 168

Monochromacy



Original Color
108, 131, 185

Achromatopsia
136, 136, 136

Achromatomaly
126, 134, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 131, 185 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(108, 141, 185)` looks like.

```
.text, #text, p{  
    color:rgb(108, 141, 185)  
}
```

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(108, 141, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 141, 185) }
```

Border

The CSS property to change the border of an element to RYB 108, 131, 185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

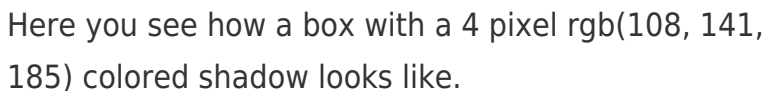
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 141, 185) }
```

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

```
.border{ border-color:rgb(108, 141, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 141, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 141, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 141, 185); box-shadow:4px 4px 4px 4px rgb(108, 141, 185) }
```

Background

The CSS property to change the background color of an element to RYB 108, 131, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 141, 185) }
```

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

```
.background{ background-color: rgb(108,  
141, 185) }
```

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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