

Converting Colors

`RYB(98, 131, 207)`

Have a look what the booklet for RYB(98, 131, 207) contains.

RYB(98, 131, 207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(98, 131, 207)$

Conversions

Conversions Part 1

Format	Color
Hex	6291CF
RGB	98, 145, 207
RGB Percent	38%, 57%, 81%
CMY	0.6157, 0.4301, 0.1882
CMYK	0.53, 0.30, 0.00, 0.19
HSL	214°, 53%, 60%
HSV	214°, 53%, 81%
XYZ	26.4752, 27.4531, 62.9351
YIQ	138.0150, -47.9140, 9.3180

Conversions

Conversions Part 2

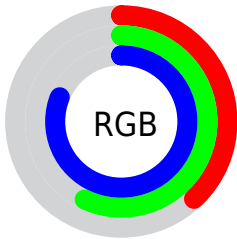
Format	Color
R _{YB}	98, 131, 207
Decimal	6459855
CIE Lab	59.39, 1.58, -36.61
CIE LCh	59, 36.648, 272.467
Yxy	27.4531, 0.2265, 0.2349
Android (android.graphics.Color)	4284649935 (0xFF6291CF)
YUV	138.0150, 34.0096, -35.0932
Hunter-Lab	52.3957, -1.4977, -34.5391

Details

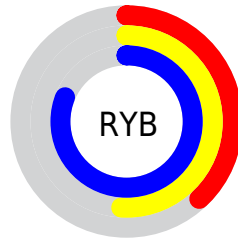
The RYB color **98, 131, 207** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **181, 207, 98**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **155, 186, 255**, and **37, 76, 152** is the 20% darker color. If you saturate the color by 10%, you get **77, 117, 207**, and if you desaturate by 10%, it is **119, 146, 207**.

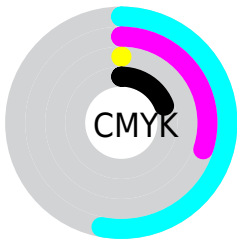
Distribution



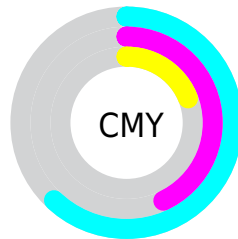
- Red (38%)
- Green (57%)
- Blue (81%)



- Red (38%)
- Yellow (51%)
- Blue (81%)



- Cyan (53%)
- Magenta (30%)
- Yellow (0%)
- Black (19%)



















- Cyan (62%)
- Magenta (43%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 131, 207 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 98, 131, 207 by changing the saturation by 10% instead.

 98, 131, 207	 98, 131, 207
 255, 255, 255	 69, 104, 179
 155, 186, 255	 37, 76, 152
 183, 210, 255	 0, 46, 126
 212, 234, 255	 0, 33, 101
 242, 249, 255	 0, 21, 76
	 0, 5, 53
	 0, 2, 31
	 0, 0, 3
	 0, 0, 0

■ 98, 131, 207

■ 98, 131, 207

■ 77, 117, 207

■ 119, 146, 207

■ 57, 102, 207

■ 139, 160, 207

■ 36, 88, 207

■ 160, 174, 207

■ 15, 73, 207

■ 181, 189, 207

■ 0, 63, 207

■ 202, 203, 207

■ 217, 222, 207

■ 236, 243, 207

■ 231, 255, 207

■ 211, 255, 207

Harmonies

Analogous

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



20, 97, 199



98, 131, 207



150, 134, 197

Triad

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



98, 131, 207



203, 122, 110



87, 139, 157

Complementary

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



98, 131, 207



181, 207, 98

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.



87, 151, 111



98, 131, 207



188, 165, 87

Square

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



98, 131, 207



203, 117, 142



103, 161, 78



32, 100, 160

Rectangle

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



98, 131, 207



176, 126, 183



103, 161, 78



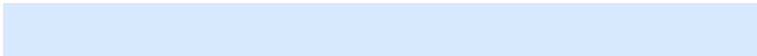
102, 155, 156

Sweetspot

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



98, 131, 207



214, 227, 255



98, 168, 207



103, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



98, 131, 207



94, 143, 255



103, 98, 207



94, 97, 105



0, 51, 168



0, 13, 41

Inverse Universe

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



207, 98, 145



255, 94, 164



98, 207, 103



105, 94, 99



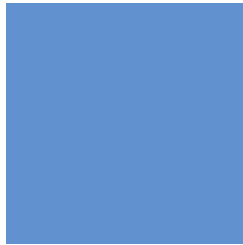
168, 0, 73



41, 0, 18

Previews

White Background



This preview shows how the RYB color 98, 131, 207 looks on a white background.

Color Contrast Check

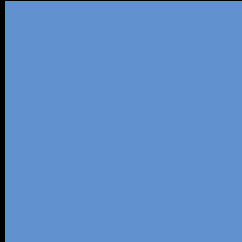
Large Text (above 18pt) WCAG AA ✓ Pass

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 98, 131, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

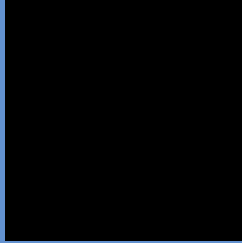
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

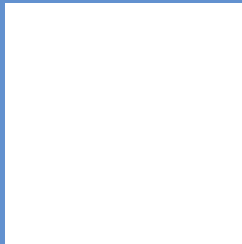
Any Text WCAG AAA × Fail

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

R Y B 98, 131, 207 Background



This preview shows how black text looks on a background with the RYB color 98, 131, 207.

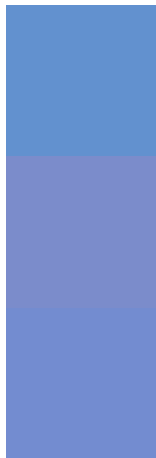


This preview shows how white text looks on a background with the RYB color 98, 131, 207.

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
98, 131, 207

Protanopia
123, 137, 203

Deuteranopia
115, 135, 208



Tritanopia
84, 121, 166

Trichromacy



Original Color
98, 131, 207

Protanomaly
114, 135, 204

Deuteranomaly
109, 134, 208

Tritanomaly
89, 126, 181

Monochromacy



Original Color
98, 131, 207

Achromatopsia
138, 138, 138

Achromatomaly
123, 135, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 131, 207 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(98, 145, 207)` looks like.

```
.text, #text, p{  
    color:rgb(98, 145, 207)  
}
```

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(98, 145, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 145, 207) }
```

Border

The CSS property to change the border of an element to RYB 98, 131, 207 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(98, 145, 207) }
```

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

```
.border{ border-color:rgb(98, 145, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 145, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 145, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 145, 207);  
box-shadow:4px 4px 4px 4px rgb(98, 145,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 98, 131, 207 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 145, 207) }
```

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

```
.background{ background-color: rgb(98, 145,  
207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor