

Converting Colors

`RYB(98, 148, 181)`

Have a look what the booklet for
RYB(98, 148, 181) contains.

RYB(98, 148, 181)	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

RYB(98, 148, 181)

Conversions

Conversions Part 1

Format	Color
Hex	62B599
RGB	98, 181, 153
RGB Percent	38%, 71%, 60%
CMY	0.6157, 0.2902, 0.4009
CMYK	0.46, 0.00, 0.16, 0.29
HSL	160°, 36%, 55%
HSV	160°, 46%, 71%
XYZ	27.2925, 37.9371, 35.9259
YIQ	152.9910, -40.4800, -26.3040

Conversions

Conversions Part 2

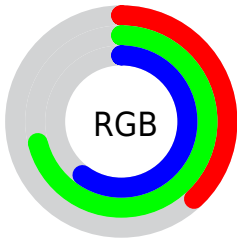
Format	Color
RYB	98, 148, 181
Decimal	6469017
CIELab	67.97, -32.09, 6.58
CIELCh	68, 32.759, 168.410
Yxy	37.9371, 0.2698, 0.3750
Android (android.graphics.Color)	4284659097 (0xFF62B599)
YUV	152.9910, 0.0044, -48.2271
Hunter-Lab	61.5931, -28.6928, 8.5325

Details

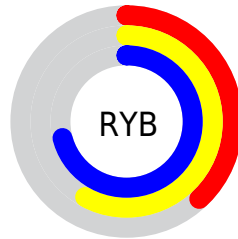
The RYB color **98, 148, 181** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **181, 98, 126**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **153, 204, 237**, and **42, 93, 128** is the 20% darker color. If you saturate the color by 10%, you get **80, 141, 181**, and if you desaturate by 10%, it is **116, 155, 181**.

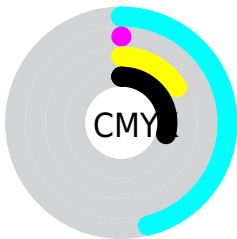
Distribution



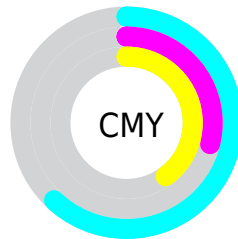
- Red (38%)
- Green (71%)
- Blue (60%)



- Red (38%)
- Yellow (58%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)





- Cyan (62%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the RYB color 98, 148, 181 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, 148, 181 by changing the saturation by 10% instead.

 98, 148, 181

 98, 148, 181

255, 255, 255

 71, 121, 154

 153, 204, 237

 42, 93, 128

 181, 224, 255

 0, 58, 102

 210, 233, 255


 0, 46, 78


 239, 247, 255


 0, 33, 54

 0, 25, 34

 0, 0, 0

 98, 148, 181

 98, 148, 181

 80, 141, 181

 116, 155, 181

■ 62, 134, 181

■ 134, 162, 181

■ 44, 127, 181

■ 152, 170, 181

■ 26, 119, 181

■ 170, 177, 181

■ 7, 112, 181

■ 189, 181, 184

■ 0, 109, 181

■ 207, 181, 190

■ 225, 181, 196

■ 243, 181, 202

■ 255, 181, 208

Harmonies

Analogous

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



125, 177, 168



98, 148, 181



67, 125, 183

Triad

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



98, 148, 181



153, 161, 222



217, 161, 123

Complementary

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



98, 148, 181



181, 98, 126

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.



224, 144, 148



98, 148, 181



192, 152, 205

Square

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



98, 148, 181



107, 149, 223



216, 144, 178



169, 196, 108

Rectangle

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



98, 148, 181



62, 126, 201



216, 144, 178



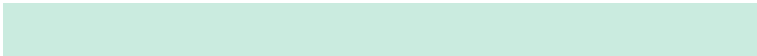
221, 151, 130

Sweetspot

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



98, 148, 181



202, 222, 235



98, 181, 152



97, 109, 117



245, 245, 245



117, 117, 117

Same Dimension

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



98, 148, 181



106, 184, 235



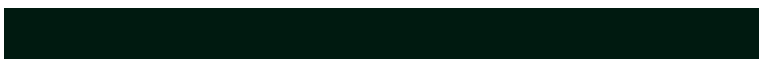
98, 136, 181



80, 85, 89



0, 92, 153



0, 16, 26

Inverse Universe

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



181, 98, 126



235, 106, 149



181, 112, 98



89, 80, 83



153, 0, 52



26, 0, 9

Previews

White Background



This preview shows how the RYB color 98, 148, 181 looks on a white background.

Color Contrast Check

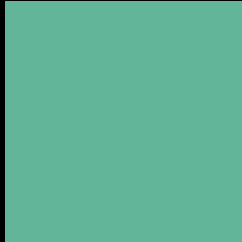
Large Text (above 18pt) WCAG AA × Fail

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, 148, 181 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 ✓ Pass

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

R Y B 98, 148, 181 Background



This preview shows how black text looks on a background with the RYB color 98, 148, 181.

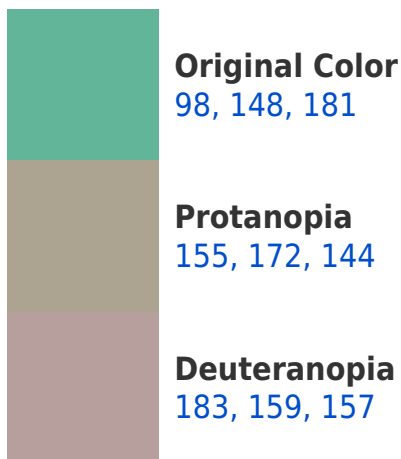


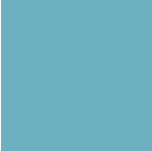
This preview shows how white text looks on a background with the RYB color 98, 148, 181.

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





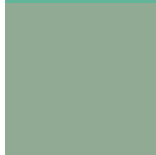
Tritanopia
108, 145, 190

Trichromacy



Original Color

98, 148, 181



Protanomaly

145, 168, 170



Deuteranomaly

152, 165, 167



Tritanomaly

104, 142, 178

Monochromacy



Original Color

98, 148, 181



Achromatopsia

153, 153, 153



Achromatomaly

133, 151, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 148, 181 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, 181, 153)` looks like.

```
.text, #text, p{  
    color:rgb(98, 181, 153)  
}
```

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, 181, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 181, 153) }
```

Border

The CSS property to change the border of an element to RYB 98, 148, 181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

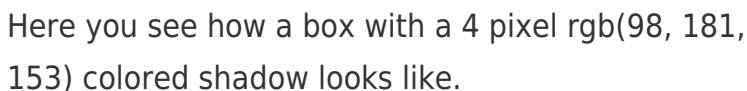
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 181, 153) }
```

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

```
.border{ border-color:rgb(98, 181, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 181, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 181, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 181, 153);  
box-shadow:4px 4px 4px 4px rgb(98, 181,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 98, 148, 181 is called "background".

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

```
.background, #background, body{  
background: rgb(98, 181, 153) }
```

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

```
.background{ background-color: rgb(98, 181,  
153) }
```

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