

Converting Colors

`RYB(98, 195, 163)`

Have a look what the booklet for
RYB(98, 195, 163) contains.

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Color

R_YB(98, 195, 163)

Conversions

Conversions Part 1

Format	Color
Hex	82C362
RGB	130, 195, 98
RGB Percent	51%, 76%, 38%
CMY	0.4902, 0.2353, 0.6157
CMYK	0.33, 0.00, 0.50, 0.24
HSL	100°, 45%, 57%
HSV	100°, 50%, 76%
XYZ	30.9256, 44.6579, 18.5452
YIQ	164.5070, -7.6030, -43.9470

Conversions

Conversions Part 2

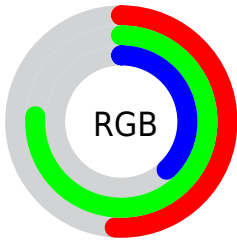
Format	Color
RYB	98, 195, 163
Decimal	8569698
CIELab	72.67, -38.28, 42.01
CIELCh	73, 56.836, 132.343
Yxy	44.6579, 0.3285, 0.4744
Android (android.graphics.Color)	4286759778 (0xFF82C362)
YUV	164.5070, -32.7880, -30.2626
Hunter-Lab	66.8266, -34.3412, 30.3249

Details

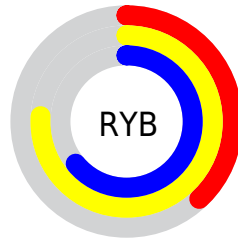
The RYB color **98, 195, 163** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **163, 98, 195**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **151, 252, 217**, and **48, 141, 113** is the 20% darker color. If you saturate the color by 10%, you get **79, 195, 157**, and if you desaturate by 10%, it is **118, 195, 170**.

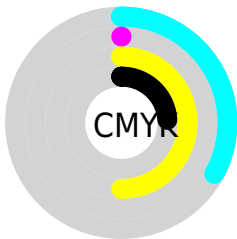
Distribution



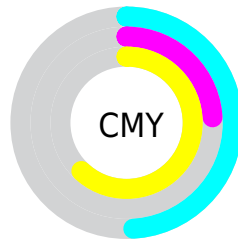
- Red (51%)
- Green (76%)
- Blue (38%)



- Red (38%)
- Yellow (76%)
- Blue (64%)



- Cyan (33%)
- Magenta (0%)
- Yellow (50%)
- Black (24%)




- Cyan (49%)
- Magenta (24%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 195, 163 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, 195, 163 by changing the saturation by 10% instead.

 98, 195, 163


255, 255, 255


 151, 252, 217


 178, 255, 219


 206, 255, 218


 234, 255, 234

 98, 195, 163

 73, 168, 138


 48, 141, 113

 21, 115, 87


 0, 90, 73


 0, 66, 66

 0, 43, 43

 0, 17, 17

 0, 0, 0

 98, 195, 163

 98, 195, 163

■ 79, 195, 157

■ 118, 195, 170

■ 59, 195, 150

■ 137, 195, 176

■ 40, 195, 144

■ 157, 195, 183

■ 20, 195, 137

■ 176, 195, 189

■ 1, 195, 131

■ 195, 195, 195

■ 0, 195, 131

■ 208, 195, 215

■ 221, 195, 235

■ 235, 195, 254

■ 248, 195, 255

Harmonies

Analogous

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



76, 187, 71



98, 195, 163



31, 134, 202

Triad

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



98, 195, 163



0, 110, 255



255, 133, 159

Complementary

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



98, 195, 163



163, 98, 195

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.



255, 138, 211



98, 195, 163



126, 163, 255

Square

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



98, 195, 163



0, 111, 247



210, 156, 255



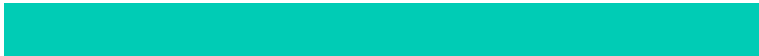
255, 156, 111

Rectangle

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



98, 195, 163



0, 108, 204



210, 156, 255



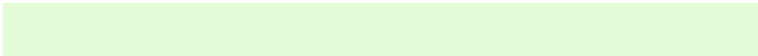
255, 133, 176

Sweetspot

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



98, 195, 163



215, 252, 240



146, 195, 98



105, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



98, 195, 163



101, 252, 202



98, 181, 195



87, 97, 94



0, 161, 108



0, 33, 22

Inverse Universe

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



163, 98, 195



202, 101, 252



195, 98, 179



94, 87, 97



108, 0, 161



22, 0, 33

Previews

White Background



This preview shows how the RYB color 98, 195, 163 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, 195, 163 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](#).

RYB 98, 195, 163 Background



This preview shows how black text looks on a background with the RYB color 98, 195, 163.

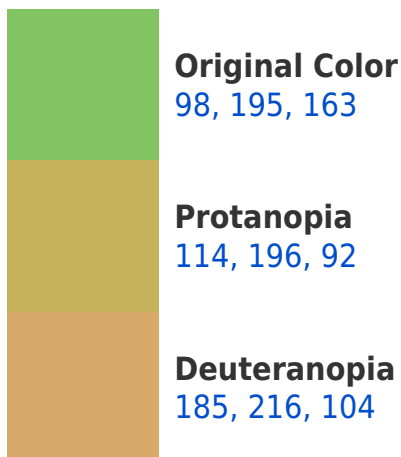


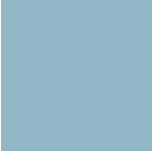
This preview shows how white text looks on a background with the RYB color 98, 195, 163.

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
146, 168, 199

Trichromacy



Original Color

98, 195, 163



Protanomaly

94, 184, 106



Deuteranomaly

110, 185, 102



Tritanomaly

140, 173, 188

Monochromacy



Original Color

98, 195, 163



Achromatopsia

165, 165, 165



Achromatomaly

141, 176, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 195, 163 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(130, 195, 98)` looks like.

```
.text, #text, p{  
    color:rgb(130, 195, 98)  
}
```

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(130, 195, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 195, 98) }
```

Border

The CSS property to change the border of an element to RYB 98, 195, 163 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(130, 195, 98) }
```

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

```
.border{ border-color:rgb(130, 195, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 195, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 195, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 195, 98);  
box-shadow:4px 4px 4px 4px rgb(130, 195,  
98) }
```

Background

The CSS property to change the background color of an element to RYB 98, 195, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 195, 98) }
```

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

```
.background{ background-color: rgb(130,  
195, 98) }
```

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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