

Converting Colors

`RYB(163, 198, 146)`

Have a look what the booklet for
RYB(163, 198, 146) contains.

RYB(163, 198, 146)	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

R_YB(163, 198, 146)

Conversions

Conversions Part 1

Format	Color
Hex	C6B992
RGB	198, 185, 146
RGB Percent	78%, 73%, 57%
CMY	0.2235, 0.2738, 0.4275
CMYK	0.00, 0.06, 0.26, 0.22
HSL	45°, 31%, 67%
HSV	45°, 26%, 78%
XYZ	45.8654, 48.8579, 34.2073
YIQ	184.4410, 20.2670, -9.3730

Conversions

Conversions Part 2

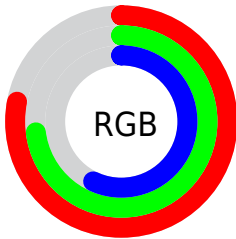
Format	Color
RYB	163, 198, 146
Decimal	13023634
CIELab	75.36, -1.63, 21.56
CIElCh	75, 21.622, 94.311
Yxy	48.8579, 0.3557, 0.3789
Android (android.graphics.Color)	4291213714 (0xFFC6B992)
YUV	184.4410, -18.9514, 11.8912
Hunter-Lab	69.8984, -5.1955, 19.9132

Details

The RYB color **163, 198, 146** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **146, 156, 198**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **219, 255, 200**, and **111, 144, 95** is the 20% darker color. If you saturate the color by 10%, you get **150, 198, 126**, and if you desaturate by 10%, it is **177, 198, 166**.

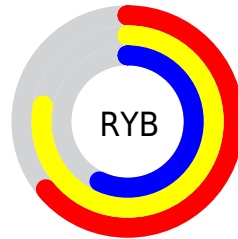
Distribution



Red (78%)

Green (73%)

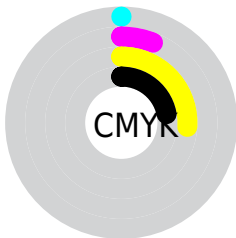
Blue (57%)



Red (64%)

Yellow (78%)

Blue (57%)

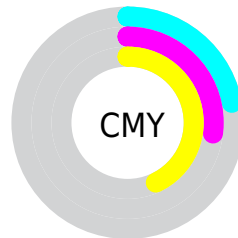


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 198, 146 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 163, 198, 146 by changing the saturation by 10% instead.

 163, 198, 146


255, 255, 255

 219, 255, 200

 228, 255, 228

 163, 198, 146

 136, 170, 120

 111, 144, 95

 84, 117, 71

 59, 92, 48

 37, 68, 27

 10, 45, 2

 5, 22, 0


 0, 0, 0


 163, 198, 146


 163, 198, 146

 150, 198, 126

 177, 198, 166

 137, 198, 106

 190, 198, 186

 123, 198, 87

 198, 200, 205

 109, 198, 67


 198, 204, 225

 96, 198, 47


 198, 208, 245

 83, 198, 27

 198, 210, 255

 69, 198, 7

 198, 213, 255

 65, 198, 0

 198, 216, 255

 198, 218, 255

Harmonies

Analogous

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



216, 202, 150



163, 198, 146



152, 191, 167

Triad

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



163, 198, 146



131, 166, 207



214, 174, 203

Complementary

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



163, 198, 146



146, 156, 198

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.



193, 180, 219



163, 198, 146



142, 173, 221

Square

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



163, 198, 146



136, 169, 197



166, 181, 225



226, 172, 183

Rectangle

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



163, 198, 146



161, 193, 194



166, 181, 225



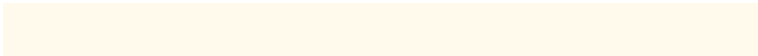
208, 176, 209

Sweetspot

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



163, 198, 146



242, 255, 235



198, 146, 159



121, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



163, 198, 146



199, 255, 173



146, 198, 159



93, 99, 90



53, 163, 0



12, 36, 0

Inverse Universe

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



146, 156, 198



173, 190, 255



159, 146, 198



90, 92, 99



0, 32, 163



0, 7, 36

Previews

White Background



This preview shows how the RYB color 163, 198, 146 looks on a white background.

Color Contrast Check

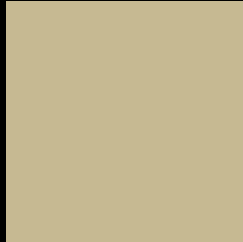
Large Text (above 18pt) WCAG AA × Fail

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 163, 198, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

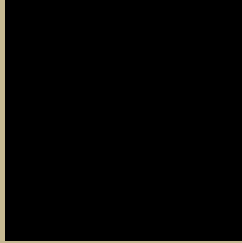
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

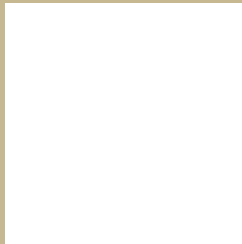
Any Text WCAG AAA ✓ Pass

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

R Y B 163, 198, 146 Background



This preview shows how black text looks on a background with the R Y B color 163, 198, 146.



This preview shows how white text looks on a background with the R Y B color 163, 198, 146.

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
163, 198, 146

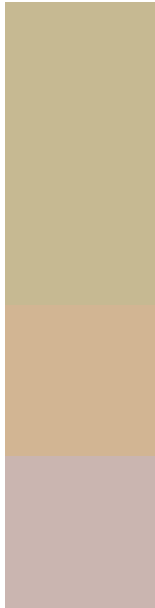
Protanopia
163, 198, 146

Deuteranopia
217, 203, 147



Tritanopia
204, 179, 193

Trichromacy



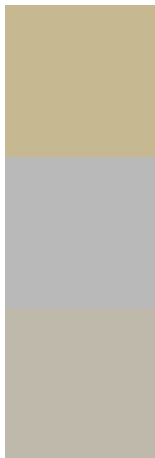
Original Color
163, 198, 146

Protanomaly
163, 198, 146

Deuteranomaly
201, 210, 147

Tritanomaly
202, 182, 176

Monochromacy



Original Color
163, 198, 146

Achromatopsia
185, 185, 185

Achromatomaly
178, 190, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 198, 146 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(198, 185, 146) looks like.

```
.text, #text, p{  
    color:rgb(198, 185, 146)  
}
```

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(198, 185, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 185, 146) }
```

Border

The CSS property to change the border of an element to RYB 163, 198, 146 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(198, 185, 146) }
```

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

```
.border{ border-color:rgb(198, 185, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 185, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 185, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 185, 146);  
box-shadow:4px 4px 4px 4px rgb(198, 185,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 163, 198, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 185, 146) }
```

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

```
.background{ background-color: rgb(198,  
185, 146) }
```

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