

Converting Colors

`RYB(165, 193, 106)`

Have a look what the booklet for
RYB(165, 193, 106) contains.

RYB(165, 193, 106)	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(165, 193, 106)

Conversions

Conversions Part 1

Format	Color
Hex	C19E6A
RGB	193, 158, 106
RGB Percent	76%, 62%, 42%
CMY	0.2431, 0.3810, 0.5843
CMYK	0.00, 0.18, 0.45, 0.24
HSL	36°, 41%, 59%
HSV	36°, 45%, 76%
XYZ	36.7938, 36.7781, 18.7953
YIQ	162.5370, 37.5520, -8.7520

Conversions

Conversions Part 2

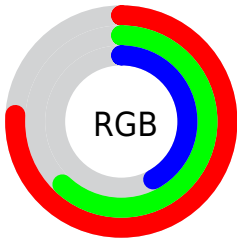
Format	Color
RYB	165, 193, 106
Decimal	12689002
CIELab	67.11, 6.17, 31.93
CIElCh	67, 32.525, 79.065
Yxy	36.7781, 0.3983, 0.3982
Android (android.graphics.Color)	4290879082 (0xFFC19E6A)
YUV	162.5370, -27.8727, 26.7161
Hunter-Lab	60.6449, 2.1690, 24.0761

Details

The RYB color **165, 193, 106** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **106, 131, 193**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **222, 251, 158**, and **109, 138, 58** is the 20% darker color. If you saturate the color by 10%, you get **159, 193, 87**, and if you desaturate by 10%, it is **170, 193, 125**.

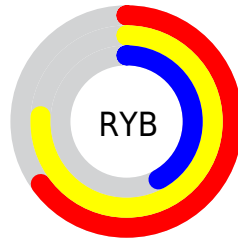
Distribution



Red (76%)

Green (62%)

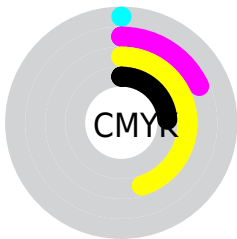
Blue (42%)



Red (65%)

Yellow (76%)

Blue (42%)

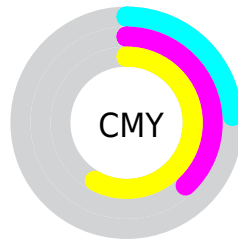


Cyan (0%)

Magenta (18%)

Yellow (45%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 193, 106 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 165, 193, 106 by changing the saturation by 10% instead.

 165, 193, 106

255, 255, 255

 225, 251, 158

 203, 255, 185

 213, 255, 213

 241, 255, 241

 165, 193, 106

 135, 165, 81

 106, 137, 58

 79, 111, 35


 49, 85, 11

 35, 60, 0


 33, 35, 0

 0, 0, 0

 165, 193, 106

 159, 193, 87

 165, 193, 106

 170, 193, 125

■ 153, 193, 67

■ 179, 193, 145

■ 147, 193, 48

■ 184, 193, 164

■ 139, 193, 29

■ 190, 193, 183

■ 133, 193, 9

■ 193, 196, 203

■ 131, 193, 0

■ 193, 201, 222

■ 193, 207, 241

■ 193, 212, 255

■ 193, 215, 255

Harmonies

Analogous

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



213, 160, 120



165, 193, 106



107, 167, 110

Triad

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



165, 193, 106



65, 122, 181



190, 149, 202

Complementary

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



165, 193, 106



106, 131, 193

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.



152, 159, 218



165, 193, 106



67, 128, 207

Square

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



165, 193, 106



96, 146, 179



106, 147, 220



214, 142, 175

Rectangle

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



165, 193, 106



117, 173, 148



106, 147, 220



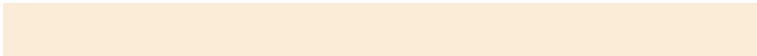
179, 153, 209

Sweetspot

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



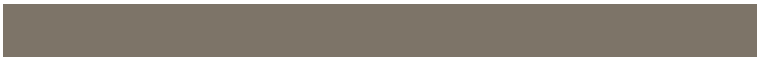
165, 193, 106



238, 250, 215



193, 106, 142



120, 125, 104



252, 252, 252



125, 125, 125

Same Dimension

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



165, 193, 106



208, 250, 115



106, 193, 113



94, 97, 87



109, 161, 0



21, 33, 0

Inverse Universe

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



106, 131, 193



115, 154, 250



113, 106, 193



87, 90, 97



0, 46, 161



0, 9, 33

Previews

White Background



This preview shows how the RYB color 165, 193, 106 looks on a white background.

Color Contrast Check

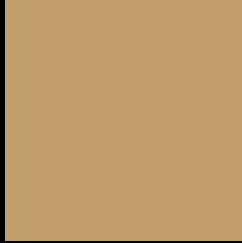
Large Text (above 18pt) WCAG AA × Fail

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 165, 193, 106 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 165, 193, 106 Background



This preview shows how black text looks on a background with the RYB color 165, 193, 106.



This preview shows how white text looks on a background with the RYB color 165, 193, 106.

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
165, 193, 106

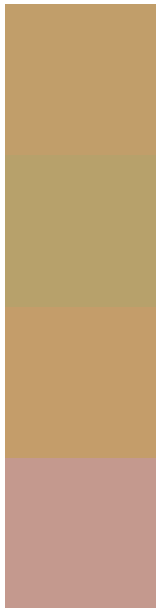
Protanopia
126, 177, 108

Deuteranopia
181, 197, 106



Tritanopia
198, 151, 162

Trichromacy



Original Color
165, 193, 106

Protanomaly
138, 183, 107

Deuteranomaly
175, 196, 106

Tritanomaly
196, 156, 142

Monochromacy



Original Color
165, 193, 106

Achromatopsia
162, 162, 162

Achromatomaly
164, 173, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 193, 106 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(193, 158, 106)` looks like.

```
.text, #text, p{  
    color:rgb(193, 158, 106)  
}
```

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(193, 158, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 158, 106) }
```

Border

The CSS property to change the border of an element to RYB 165, 193, 106 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(193, 158, 106) }
```

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

```
.border{ border-color:rgb(193, 158, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 158, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 158, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 158, 106);  
box-shadow:4px 4px 4px 4px rgb(193, 158,  
106) }
```

Background

The CSS property to change the background color of an element to RYB 165, 193, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 158, 106) }
```

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

```
.background{ background-color: rgb(193,  
158, 106) }
```

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