

Converting Colors

`RYB(180, 142, 101)`

Have a look what the booklet for
RYB(180, 142, 101) contains.

RYB(180, 142, 101)	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(180, 142, 101)

Conversions

Conversions Part 1

Format	Color
Hex	B48065
RGB	180, 128, 101
RGB Percent	71%, 50%, 40%
CMY	0.2941, 0.4981, 0.6039
CMYK	0.00, 0.29, 0.44, 0.29
HSL	21°, 34%, 55%
HSV	21°, 44%, 71%
XYZ	28.8894, 26.0791, 15.8230
YIQ	140.4700, 39.6590, 2.6270

Conversions

Conversions Part 2

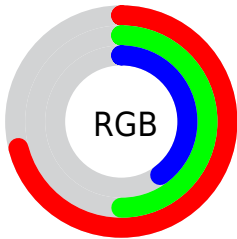
Format	Color
RYB	180, 142, 101
Decimal	11829349
CIELab	58.11, 16.73, 22.63
CIELCh	58, 28.143, 53.524
Yxy	26.0791, 0.4081, 0.3684
Android (android.graphics.Color)	4290019429 (0xFFB48065)
YUV	140.4700, -19.4587, 34.6678
Hunter-Lab	51.0677, 11.6107, 17.3767

Details

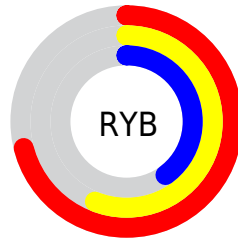
The RYB color **180, 142, 101** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **101, 132, 180**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **238, 196, 152**, and **125, 93, 54** is the 20% darker color. If you saturate the color by 10%, you get **180, 133, 83**, and if you desaturate by 10%, it is **180, 151, 119**.

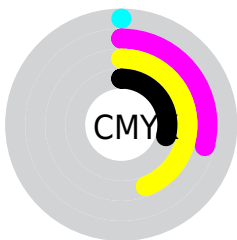
Distribution



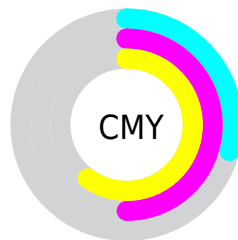
- Red (71%)
- Green (50%)
- Blue (40%)



- Red (71%)
- Yellow (56%)
- Blue (40%)



- Cyan (0%)
- Magenta (29%)
- Yellow (44%)
- Black (29%)




- Cyan (29%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 142, 101 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 180, 142, 101 by changing the saturation by 10% instead.

 180, 142, 101


255, 255, 255

 238, 196, 152

 255, 229, 179

 236, 255, 207

 235, 255, 235

 180, 142, 101

 152, 117, 77

 125, 93, 54

 98, 67, 32


 73, 46, 10


 48, 18, 0


 20, 0, 0

 0, 0, 0

 180, 142, 101

 180, 133, 83

 180, 142, 101

 180, 151, 119

180, 124, 65

180, 160, 137

180, 115, 47

180, 169, 155

180, 108, 29

180, 176, 173

180, 99, 11

180, 184, 191

180, 95, 0

180, 191, 209

180, 199, 227

180, 206, 245

180, 212, 255

Harmonies

Analogous

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



188, 122, 121



180, 142, 101



132, 162, 91

Triad

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



180, 142, 101



79, 122, 153



136, 135, 185

Complementary

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



180, 142, 101



101, 132, 180

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.



98, 128, 188



180, 142, 101



57, 106, 158

Square

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



180, 142, 101



108, 148, 150



64, 113, 179



166, 127, 169

Rectangle

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



180, 142, 101



94, 145, 91



64, 113, 179



123, 135, 187

Sweetspot

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



180, 142, 101



235, 221, 204



180, 101, 154



117, 108, 99



245, 245, 245



117, 117, 117

Same Dimension

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



180, 142, 101



235, 176, 110



117, 180, 101



89, 85, 80



153, 79, 0



26, 14, 0

Inverse Universe

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



101, 132, 180



110, 160, 235



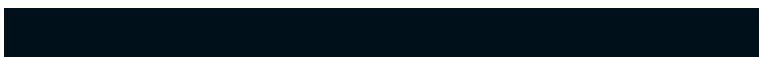
101, 112, 180



80, 84, 89



0, 61, 153



0, 10, 26

Previews

White Background



This preview shows how the RYB color 180, 142, 101 looks on a white background.

Color Contrast Check

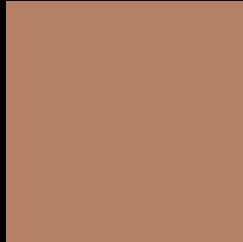
Large Text (above 18pt) WCAG AA ✓ Pass

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 180, 142, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

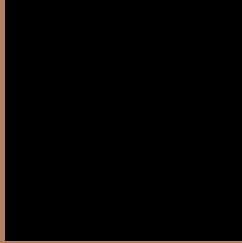
Any Text WCAG AA ✓ Pass

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](#).

RYB 180, 142, 101 Background



This preview shows how black text looks on a background with the RYB color 180, 142, 101.



This preview shows how white text looks on a background with the RYB color 180, 142, 101.

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
180, 142, 101

Protanopia
119, 150, 106

Deuteranopia
162, 166, 100



Tritanopia
183, 124, 133

Trichromacy



Original Color

180, 142, 101

Protanomaly

149, 161, 104

Deuteranomaly

171, 158, 100

Tritanomaly

182, 125, 121

Monochromacy



Original Color

180, 142, 101

Achromatopsia

140, 140, 140

Achromatomaly

155, 141, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 142, 101 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(180, 128, 101)` looks like.

```
.text, #text, p{  
    color:rgb(180, 128, 101)  
}
```

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(180, 128, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 128, 101) }
```

Border

The CSS property to change the border of an element to RYB 180, 142, 101 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(180, 128, 101) }
```

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

```
.border{ border-color:rgb(180, 128, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 128, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 128, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 128, 101);  
box-shadow:4px 4px 4px 4px rgb(180, 128,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 180, 142, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 128, 101) }
```

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

```
.background{ background-color: rgb(180,  
128, 101) }
```

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