

# Converting Colors

RGB(180, 130, 118)

Have a look what the booklet for  
RGB(180, 130, 118) contains.

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# Color

**RGB(180, 130, 118)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B48276
RGB	180, 130, 118
RGB Percent	71%, 51%, 46%
CMY	0.2941, 0.4902, 0.5373
CMYK	0.00, 0.28, 0.34, 0.29
HSL	12°, 29%, 58%
HSV	12°, 34%, 71%
XYZ	30.0750, 26.9766, 20.7614
YIQ	143.5820, 33.6520, 6.8680

# Conversions

## Conversions Part 2

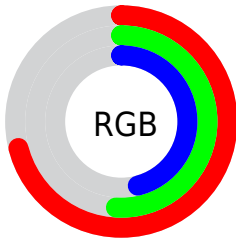
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 133, 118
Decimal	11829878
CIELab	58.95, 17.64, 14.11
CIELCh	59, 22.595, 38.658
Yxy	26.9766, 0.3865, 0.3467
Android (android.graphics.Color)	4290019958 (0xFFB48276)
YUV	143.5820, -12.6119, 31.9386
Hunter-Lab	51.9390, 12.4665, 12.6575

# Details

The RGB color **180, 130, 118** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **118, 168, 180**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **237, 183, 170**, and **126, 80, 70** is the 20% darker color. If you saturate the color by 10%, you get **180, 115, 100**, and if you desaturate by 10%, it is **180, 145, 136**.

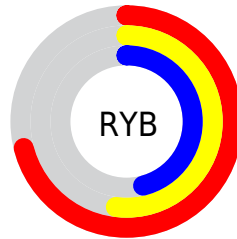
# Distribution



Red (71%)

Green (51%)

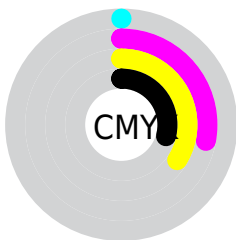
Blue (46%)



Red (71%)

Yellow (52%)

Blue (46%)

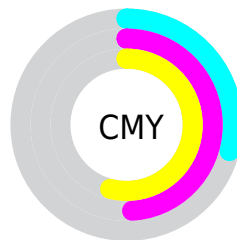


Cyan (0%)

Magenta (28%)

Yellow (34%)

Black (29%)



Cyan (29%)

Magenta (49%)


Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 180, 130, 118 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 RGB color 180, 130, 118 by changing the saturation by 10% instead.



 180, 130, 118

255, 255, 255


 237, 183, 170


 255, 211, 197

 255, 239, 225

255, 255, 254

 180, 130, 118


 180, 115, 100

 180, 130, 118

 152, 105, 93

 126, 80, 70


 99, 57, 47

 74, 35, 26


 51, 14, 0


 26, 0, 1

 0, 0, 0


 180, 130, 118

 180, 145, 136


 180, 101, 82

 180, 159, 154

 180, 86, 64

 180, 174, 172

 180, 72, 46

 180, 188, 190

 180, 57, 28

 180, 203, 208

 180, 43, 10

 180, 217, 226

 180, 35, 0

 180, 232, 244

 180, 246, 255

 180, 255, 255

# Harmonies

## Analogous

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



182, 127, 137



180, 130, 118



169, 136, 105

# Triad

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



180, 130, 118



106, 152, 127



125, 142, 181

# Complementary

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



180, 130, 118



118, 168, 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.



99, 148, 178



180, 130, 118



88, 153, 147

# Square

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



180, 130, 118



129, 148, 110



83, 152, 166



152, 135, 173

# Rectangle

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



180, 130, 118



157, 140, 102



83, 152, 166



116, 144, 181

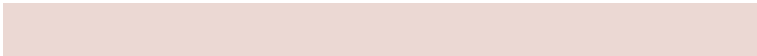


# Sweetspot

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



180, 130, 118



235, 216, 211



180, 118, 169



117, 106, 103



245, 245, 245



117, 117, 117



# Same Dimension

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



180, 130, 118



235, 157, 138



180, 160, 118



89, 82, 80



153, 30, 0



26, 5, 0



# Inverse Universe

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



118, 168, 180



138, 216, 235



118, 138, 180



80, 88, 89



0, 123, 153



0, 21, 26



# Previews

## White Background



This preview shows how the RGB color 180, 130, 118 looks on a white background.

## Color Contrast Check

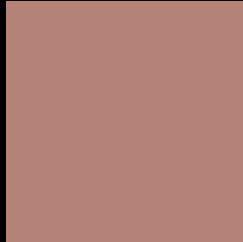
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the RGB color 180, 130, 118 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](#).



## RGB 180, 130, 118 Background



This preview shows how black text looks on a background with the RGB color 180, 130, 118.

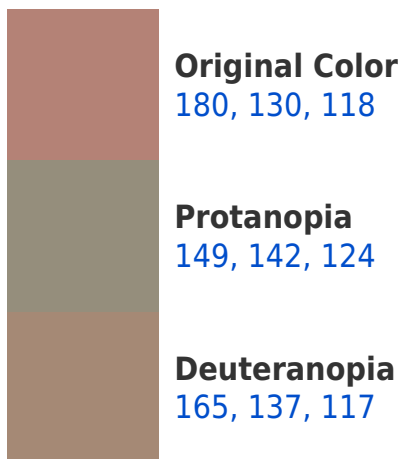


This preview shows how white text looks on a background with the RGB color 180, 130, 118.

# 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**  
182, 127, 137

# Trichromacy



**Original Color**  
180, 130, 118

**Protanomaly**  
160, 138, 122

**Deuteranomaly**  
170, 134, 117

**Tritanomaly**  
181, 128, 130

# Monochromacy



**Original Color**  
180, 130, 118

**Achromatopsia**  
144, 144, 144

**Achromatomaly**  
157, 139, 135

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 180, 130, 118 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, 130, 118)` looks like.

```
.text, #text, p{  
    color:rgb(180, 130, 118)  
}
```

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, 130, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 130, 118) }
```

## Border

The CSS property to change the border of an element to RGB 180, 130, 118 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, 130, 118) }
```

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

```
.border{ border-color:rgb(180, 130, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 130, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 130, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 130, 118);  
box-shadow:4px 4px 4px 4px rgb(180, 130,  
118) }
```

# Background

The CSS property to change the background color of an element to RGB 180, 130, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 130, 118) }
```

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

```
.background{ background-color: rgb(180,  
130, 118) }
```

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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