

Converting Colors

RGB(185, 117, 108)

Have a look what the booklet for
RGB(185, 117, 108) contains.

RGB(185, 117, 108)	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

RGB(185, 117, 108)

Conversions

Conversions Part 1

Format	Color
Hex	B9756C
RGB	185, 117, 108
RGB Percent	73%, 46%, 42%
CMY	0.2745, 0.5412, 0.5765
CMYK	0.00, 0.37, 0.42, 0.27
HSL	7°, 35%, 57%
HSV	7°, 42%, 73%
XYZ	29.0756, 24.1196, 17.3104
YIQ	136.3060, 43.4170, 11.6170

Conversions

Conversions Part 2

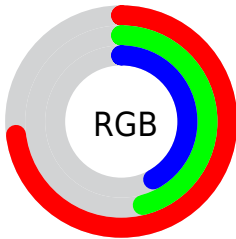
Format	Color
R_{YB}	185, 118, 108
Decimal	12154220
CIE _{Lab}	56.21, 25.66, 16.15
CIE _{LCh}	56, 30.320, 32.184
Yxy	24.1196, 0.4124, 0.3421
Android (android.graphics.Color)	4290344300 (0xFFB9756C)
YUV	136.3060, -13.9549, 42.7046
Hunter-Lab	49.1117, 19.7321, 13.4802

Details

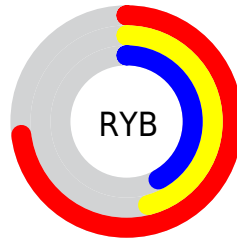
The RGB color **185, 117, 108** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **108, 176, 185**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **243, 170, 159**, and **129, 68, 61** is the 20% darker color. If you saturate the color by 10%, you get **185, 101, 90**, and if you desaturate by 10%, it is **185, 133, 127**.

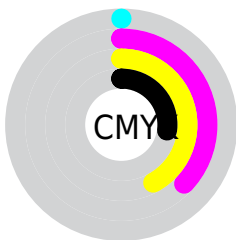
Distribution



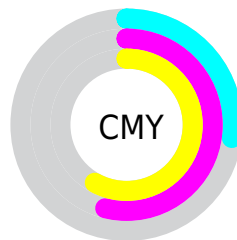
- Red (73%)
- Green (46%)
- Blue (42%)



- Red (73%)
- Yellow (46%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (42%)
- Black (27%)



- Cyan (27%)
- Magenta (54%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the RGB color 185, 117, 108 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 185, 117, 108 by changing the saturation by 10% instead.

 185, 117, 108

255, 255, 255


 243, 170, 159

 255, 197, 186

 255, 225, 214

 255, 254, 243

 185, 117, 108

 185, 101, 90

 185, 117, 108

 157, 92, 84

 129, 68, 61

 102, 44, 39


 76, 21, 18

 51, 0, 0

 21, 0, 0

 0, 0, 0

 185, 117, 108

 185, 133, 127

 185, 84, 71

 185, 150, 145

 185, 68, 53

 185, 166, 163

 185, 52, 34

 185, 182, 182

 185, 35, 16

 185, 199, 201

 185, 22, 0

 185, 215, 219

 185, 231, 237

 185, 248, 255

 185, 255, 255

Harmonies

Analogous

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



185, 114, 134



185, 117, 108



172, 125, 89

Triad

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



185, 117, 108



91, 147, 109



100, 137, 187

Complementary

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



185, 117, 108



108, 176, 185

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.



57, 144, 181



185, 117, 108



57, 149, 136

Square

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



185, 117, 108



123, 142, 89



32, 148, 162



140, 127, 179

Rectangle

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



185, 117, 108



159, 131, 82



32, 148, 162



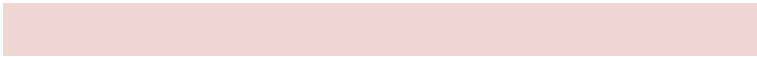
86, 139, 186

Sweetspot

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



185, 117, 108



240, 214, 211



185, 108, 176



120, 105, 103



247, 247, 247



120, 120, 120

Same Dimension

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



185, 117, 108



240, 134, 120



185, 155, 108



92, 84, 83



156, 18, 0



28, 3, 0

Inverse Universe

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



108, 176, 185



120, 226, 240



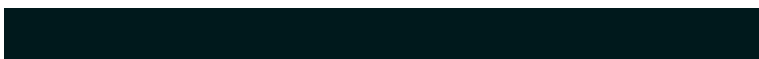
108, 138, 185



83, 91, 92



0, 137, 156



0, 25, 28

Previews

White Background



This preview shows how the RGB color 185, 117, 108 looks on a white background.

Color Contrast Check

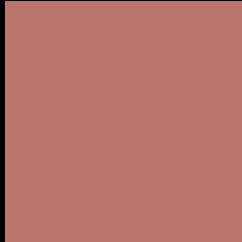
Large Text (above 18pt) WCAG AA ✓ Pass

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 185, 117, 108 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 185, 117, 108 Background



This preview shows how black text looks on a background with the RGB color 185, 117, 108.



This preview shows how white text looks on a background with the RGB color 185, 117, 108.

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
185, 117, 108

Protanopia
142, 135, 117

Deuteranopia
158, 130, 106



Tritanopia
186, 115, 123

Trichromacy



Original Color
185, 117, 108

Protanomaly
158, 128, 114

Deuteranomaly
168, 125, 107

Tritanomaly
186, 116, 118

Monochromacy



Original Color
185, 117, 108

Achromatopsia
136, 136, 136

Achromatomaly
154, 129, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 117, 108 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(185, 117, 108)` looks like.

```
.text, #text, p{  
    color:rgb(185, 117, 108)  
}
```

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(185, 117, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 117, 108) }
```

Border

The CSS property to change the border of an element to RGB 185, 117, 108 is called "border". The border property can be set on classes, ids or directly on the HTML element.

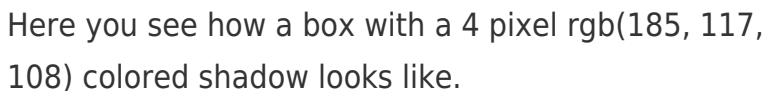
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 117, 108) }
```

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

```
.border{ border-color:rgb(185, 117, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 117, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 117, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 117, 108);  
box-shadow:4px 4px 4px 4px rgb(185, 117,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 185, 117, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 117, 108) }
```

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

```
.background{ background-color: rgb(185,  
117, 108) }
```

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