

Converting Colors

RGB(187, 158, 108)

Have a look what the booklet for
RGB(187, 158, 108) contains.

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Color

RGB(187, 158, 108)

Conversions

Conversions Part 1

Format	Color
Hex	BB9E6C
RGB	187, 158, 108
RGB Percent	73%, 62%, 42%
CMY	0.2667, 0.3804, 0.5765
CMYK	0.00, 0.16, 0.42, 0.27
HSL	38°, 37%, 58%
HSV	38°, 42%, 73%
XYZ	35.4272, 36.1012, 19.2884
YIQ	160.9710, 33.3340, -9.4020

Conversions

Conversions Part 2

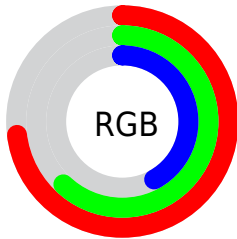
Format	Color
RYB	154, 187, 108
Decimal	12295788
CIELab	66.60, 3.81, 30.08
CIElCh	67, 30.325, 82.779
Yxy	36.1012, 0.3901, 0.3975
Android (android.graphics.Color)	4290485868 (0xFFBB9E6C)
YUV	160.9710, -26.1147, 22.8274
Hunter-Lab	60.0843, 0.1004, 23.0256

Details

The RGB color **187, 158, 108** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **108, 137, 187**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **244, 213, 160**, and **132, 107, 60** is the 20% darker color. If you saturate the color by 10%, you get **187, 151, 89**, and if you desaturate by 10%, it is **187, 165, 127**.

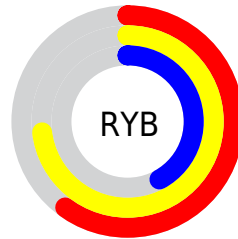
Distribution



Red (73%)

Green (62%)

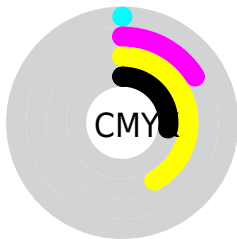
Blue (42%)



Red (60%)

Yellow (73%)

Blue (42%)

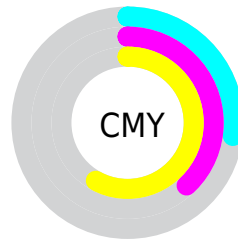


Cyan (0%)

Magenta (16%)

Yellow (42%)

Black (27%)



Cyan (27%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 158, 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 187, 158, 108 by changing the saturation by 10% instead.

 187, 158, 108

255, 255, 255

 244, 213, 160

 255, 241, 187

 255, 255, 215

 255, 255, 244

 187, 158, 108

 159, 132, 83

 132, 107, 60

 106, 83, 37

 80, 60, 14

 56, 38, 0


 32, 18, 0

 0, 0, 0

 187, 158, 108

 187, 151, 89

 187, 158, 108

 187, 165, 127

 187, 144, 71

 187, 172, 145

 187, 137, 52

 187, 179, 164

 187, 131, 33

 187, 185, 183

 187, 124, 14

 187, 192, 202

 187, 118, 0

 187, 199, 220

 187, 206, 239

 187, 213, 255

 187, 220, 255

Harmonies

Analogous

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



207, 149, 120



187, 158, 108



159, 167, 111

Triad

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



187, 158, 108



73, 177, 182



190, 148, 195

Complementary

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



187, 158, 108



108, 137, 187

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.



157, 157, 212



187, 158, 108



80, 173, 205

Square

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



187, 158, 108



96, 177, 154



116, 167, 216



211, 142, 170

Rectangle

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



187, 158, 108



139, 171, 121



116, 167, 216



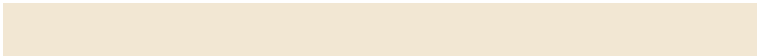
180, 151, 202

Sweetspot

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



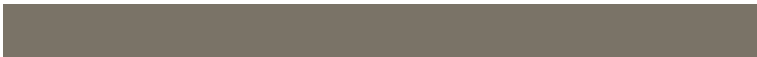
187, 158, 108



242, 231, 211



187, 108, 138



122, 115, 103



250, 250, 250



122, 122, 122

Same Dimension

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



187, 158, 108



242, 197, 119



178, 187, 108



94, 91, 85



158, 100, 0



31, 19, 0

Inverse Universe

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



108, 137, 187



119, 164, 242



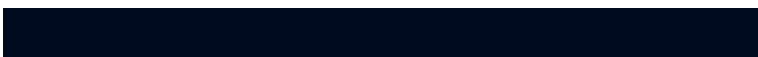
117, 108, 187



85, 88, 94



0, 58, 158



0, 11, 31

Previews

White Background



This preview shows how the RGB color 187, 158, 108 looks on a white background.

Color Contrast Check

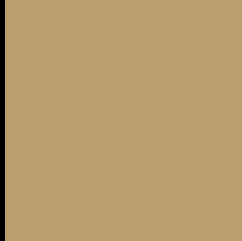
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 187, 158, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

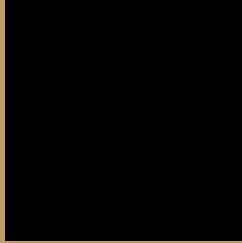
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RGB 187, 158, 108 Background



This preview shows how black text looks on a background with the RGB color 187, 158, 108.



This preview shows how white text looks on a background with the RGB color 187, 158, 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
187, 158, 108

Protanopia
176, 162, 110

Deuteranopia
194, 155, 109



Tritanopia
193, 151, 163

Trichromacy



Original Color

187, 158, 108

Protanomaly

180, 161, 109

Deuteranomaly

191, 156, 109

Tritanomaly

191, 154, 143

Monochromacy



Original Color

187, 158, 108

Achromatopsia

161, 161, 161

Achromatomaly

170, 160, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 158, 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(187, 158, 108)` looks like.

```
.text, #text, p{  
    color:rgb(187, 158, 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(187, 158, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 158, 108) }
```

Border

The CSS property to change the border of an element to RGB 187, 158, 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(187, 158, 108) }
```

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

```
.border{ border-color:rgb(187, 158, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 158, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 158, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 158, 108);  
box-shadow:4px 4px 4px 4px rgb(187, 158,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 187, 158, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 158, 108) }
```

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

```
.background{ background-color: rgb(187,  
158, 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](#).

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