Converting Colors

RGB(186, 151, 109)

Have a look what the booklet for RGB(186, 151, 109) contains.

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Color

RGB(186, 151, 109)

Conversions

Conversions Part 1

Format	Color
Hex	BA976D
RGB	186, 151, 109
RGB Percent	73%, 59%, 43%
CMY	0.2706, 0.4078, 0.5725
CMYK	0.00, 0.19, 0.41, 0.27
HSL	33°, 36%, 58%
HSV	33°, 41%, 73%
XYZ	34.0766, 33.6764, 19.1722
YIQ	156.6770, 34.3420, -5.6420

Conversions

Conversions Part 2

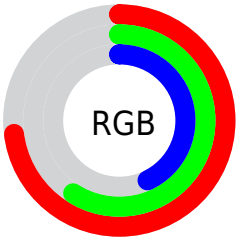
Format	Color
RYB	173, 186, 109
Decimal	12228461
CIELab	64.70, 7.34, 27.05
CIELCh	65, 28.025, 74.824
Yxy	33.6764, 0.3920, 0.3874
Android (android.graphics.Color)	4290418541 (0xFFBA976D)
YUV	156.6770, -23.5048, 25.7163
Hunter-Lab	58.0314, 3.2620, 21.0340

Details

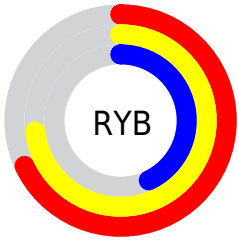
The RGB color 186, 151, 109 is a dark color, and the websafe version is hex CC9966. A complement of this color would be 109, 144, 186, and the grayscale version is 157, 157, 157.

A 20% lighter version of the original color is 243, 205, 161, and 131, 100, 61 is the 20% darker color. If you saturate the color by 10%, you get 186, 143, 90, and if you desaturate by 10%, it is 186, 159, 128.

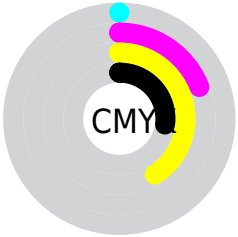
Distribution



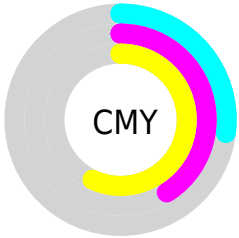
- Red (73%)
- Green (59%)
- Blue (43%)



- Red (68%)
- Yellow (73%)
- Blue (43%)



- Cyan (0%)
- Magenta (19%)
- Yellow (41%)
- Black (27%)



- Cyan (27%)
- Magenta (41%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 151, 109 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 186, 151, 109 by changing the saturation by 10% instead.

186, 151, 109	186, 151, 109
255, 255, 255	158, 125, 84
243, 205, 161	131, 100, 61
255, 233, 188	105, 76, 38
255, 255, 216	79, 54, 16
255, 255, 244	55, 32, 0
	31, 11, 0
	0, 0, 0

186, 151, 109	186, 151, 109
186, 143, 90	186, 159, 128

186, 134, 72

186, 126, 53

186, 117, 35

186, 109, 16

186, 101, 0

186, 168, 146

186, 176, 165

186, 185, 183

186, 193, 202

186, 202, 221

186, 210, 239

186, 219, 255

186, 227, 255

Harmonies

Analogous

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

202, 143, 123

186, 151, 109

162, 159, 108

Triad

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

186, 151, 109

81, 171, 169

176, 146, 193

Complementary

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

186, 151, 109

109, 144, 186

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.

143, 155, 205

186, 151, 109

80, 169, 191

Square

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

186, 151, 109

105, 170, 143

106, 163, 205

198, 140, 171

Rectangle

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

186, 151, 109

143, 164, 115

106, 163, 205

166, 149, 198

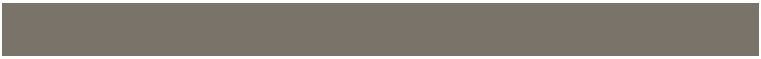
Sweetspot

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

186, 151, 109

242, 229, 213

186, 109, 145



122, 115, 105

250, 250, 250

122, 122, 122

Same Dimension

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

186, 151, 109

242, 187, 121

183, 186, 109

92, 88, 83

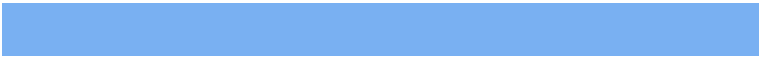
156, 85, 0

28, 15, 0

Inverse Universe

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

109, 144, 186



121, 176, 242

112, 109, 186

83, 87, 92

0, 71, 156

0, 13, 28

Previews

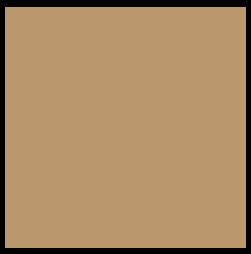
White Background

This preview shows how the RGB color 186, 151, 109 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



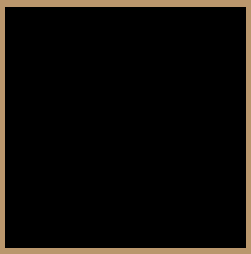
This preview shows how the RGB color 186, 151, 109 looks on a black background.

Color Contrast Check

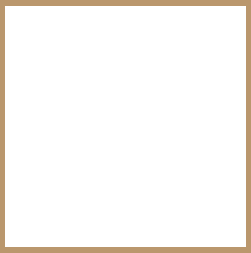
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 186, 151, 109 Background



This preview shows how black text looks on a background with the RGB color 186, 151, 109.



This preview shows how white text looks on a background with the RGB color 186, 151, 109.

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

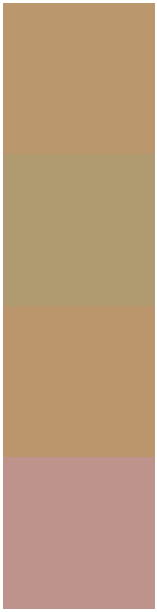
Original Color
186, 151, 109

Protanopia
169, 157, 112

Deuteranopia
187, 150, 109

Tritanopia
191, 145, 156

Trichromacy



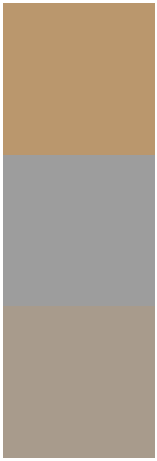
Original Color
186, 151, 109

Protanomaly
175, 155, 111

Deuteranomaly
187, 150, 109

Tritanomaly
189, 147, 139

Monochromacy



Original Color
186, 151, 109

Achromatopsia
157, 157, 157

Achromatomaly
168, 155, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 151, 109 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(186, 151, 109) looks like.

```
.text, #text, p{
    color:rgb(186, 151, 109)
}
```

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(186, 151, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 151, 109) }
```

Border

The CSS property to change the border of an element to RGB 186, 151, 109 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(186, 151, 109) }
```

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

```
.border{ border-color:rgb(186, 151, 109) }
```

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

Here you see how a box with a 4 pixel rgb(186, 151, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 151, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 151, 109); box-shadow:4px 4px 4px 4px rgb(186, 151, 109) }
```

Background

The CSS property to change the background color of an element to RGB 186, 151, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(186, 151, 109) }
```

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

```
.background{ background-color:rgb(186,
151, 109) }
```

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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