

Converting Colors

RGB(186, 151, 100)

Have a look what the booklet for
RGB(186, 151, 100) contains.

RGB(186, 151, 100)	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(186, 151, 100)

Conversions

Conversions Part 1

Format	Color
Hex	BA9764
RGB	186, 151, 100
RGB Percent	73%, 59%, 39%
CMY	0.2706, 0.4078, 0.6078
CMYK	0.00, 0.19, 0.46, 0.27
HSL	36°, 38%, 56%
HSV	36°, 46%, 73%
XYZ	33.6166, 33.4924, 16.7495
YIQ	155.6510, 37.2310, -8.4410

Conversions

Conversions Part 2

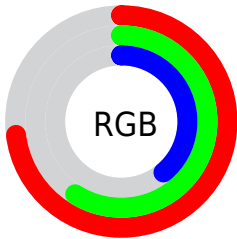
Format	Color
RYB	159, 186, 100
Decimal	12228452
CIELab	64.56, 6.37, 31.73
CIElCh	65, 32.362, 78.656
Yxy	33.4924, 0.4009, 0.3994
Android (android.graphics.Color)	4290418532 (0xFFBA9764)
YUV	155.6510, -27.4359, 26.6161
Hunter-Lab	57.8726, 2.4084, 23.3511

Details

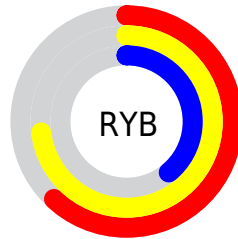
The RGB color **186, 151, 100** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **100, 135, 186**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **244, 205, 152**, and **131, 100, 52** is the 20% darker color. If you saturate the color by 10%, you get **186, 143, 81**, and if you desaturate by 10%, it is **186, 159, 119**.

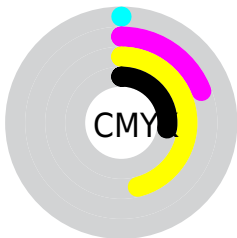
Distribution



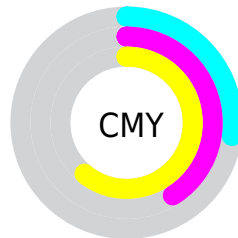
- Red (73%)
- Green (59%)
- Blue (39%)



- Red (62%)
- Yellow (73%)
- Blue (39%)



- Cyan (0%)
- Magenta (19%)
- Yellow (46%)
- Black (27%)



- Cyan (27%)
- Magenta (41%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 151, 100 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, 100 by changing the saturation by 10% instead.

 186, 151, 100


255, 255, 255

 244, 205, 152


 255, 233, 179

 255, 255, 206

 255, 255, 235

 186, 151, 100

 158, 125, 76

 131, 100, 52

 104, 76, 29


 78, 54, 5

 54, 33, 0


 30, 11, 0

 0, 0, 0

 186, 151, 100

 186, 143, 81

 186, 151, 100

 186, 159, 119

■ 186, 136, 63

■ 186, 166, 137

■ 186, 128, 44

■ 186, 174, 156

■ 186, 121, 26

■ 186, 181, 174

■ 186, 113, 7

■ 186, 189, 193

■ 186, 110, 0

■ 186, 196, 212

■ 186, 204, 230

■ 186, 212, 249

■ 186, 219, 255

Harmonies

Analogous

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



206, 141, 114



186, 151, 100



158, 160, 101

Triad

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



186, 151, 100



57, 172, 174



182, 143, 195

Complementary

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



186, 151, 100



100, 135, 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.



144, 153, 211



186, 151, 100



58, 169, 199

Square

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



186, 151, 100



89, 172, 144



99, 163, 213



206, 136, 169

Rectangle

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



186, 151, 100



136, 166, 111



99, 163, 213



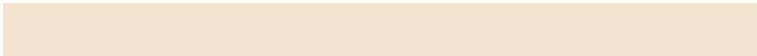
171, 146, 202

Sweetspot

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



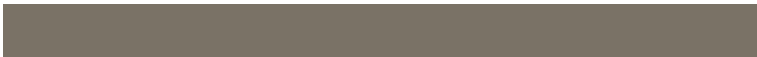
186, 151, 100



242, 228, 208



186, 100, 136



122, 114, 102



250, 250, 250



122, 122, 122

Same Dimension

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



186, 151, 100



242, 188, 109



179, 186, 100



92, 88, 83



156, 92, 0



28, 17, 0

Inverse Universe

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



100, 135, 186



109, 163, 242



107, 100, 186



83, 86, 92



0, 63, 156



0, 11, 28

Previews

White Background



This preview shows how the RGB color 186, 151, 100 looks on a white background.

Color Contrast Check

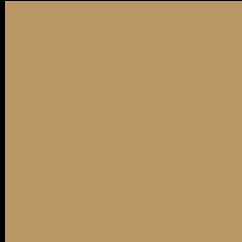
Large Text (above 18pt) WCAG AA × Fail

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, 100 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, 100 Background



This preview shows how black text looks on a background with the RGB color 186, 151, 100.



This preview shows how white text looks on a background with the RGB color 186, 151, 100.

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, 100

Protanopia
170, 157, 102

Deuteranopia
189, 150, 100



Tritanopia
191, 144, 155

Trichromacy



Original Color
186, 151, 100

Protanomaly
176, 155, 101

Deuteranomaly
188, 150, 100

Tritanomaly
189, 147, 135

Monochromacy



Original Color
186, 151, 100

Achromatopsia
156, 156, 156

Achromatomaly
167, 154, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 151, 100 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(186, 151, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 151, 100) }
```

Border

The CSS property to change the border of an element to RGB 186, 151, 100 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, 100) }
```

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

```
.border{ border-color:rgb(186, 151, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 151, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 151, 100);  
box-shadow:4px 4px 4px 4px rgb(186, 151,  
100) }
```

Background

The CSS property to change the background color of an element to RGB 186, 151, 100 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, 100) }
```

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

```
.background{ background-color: rgb(186,  
151, 100) }
```

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