

Converting Colors

RGB(181, 147, 106)

Have a look what the booklet for
RGB(181, 147, 106) contains.

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Color

RGB(181, 147, 106)

Conversions

Conversions Part 1

Format	Color
Hex	B5936A
RGB	181, 147, 106
RGB Percent	71%, 58%, 42%
CMY	0.2902, 0.4235, 0.5843
CMYK	0.00, 0.19, 0.41, 0.29
HSL	33°, 34%, 56%
HSV	33°, 41%, 71%
XYZ	32.0913, 31.7318, 18.0691
YIQ	152.4920, 33.4250, -5.5430

Conversions

Conversions Part 2

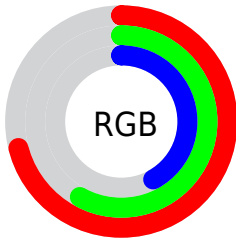
Format	Color
R_{YB}	168, 181, 106
Decimal	11899754
CIE _{Lab}	63.12, 7.13, 26.51
CIE _{LCh}	63, 27.450, 74.948
Yxy	31.7318, 0.3919, 0.3875
Android (android.graphics.Color)	4290089834 (0xFFB5936A)
YUV	152.4920, -22.9206, 25.0015
Hunter-Lab	56.3310, 3.1107, 20.4134

Details

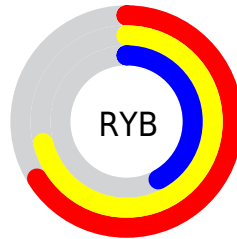
The RGB color **181, 147, 106** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **106, 140, 181**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **238, 201, 158**, and **126, 97, 58** is the 20% darker color. If you saturate the color by 10%, you get **181, 139, 88**, and if you desaturate by 10%, it is **181, 155, 124**.

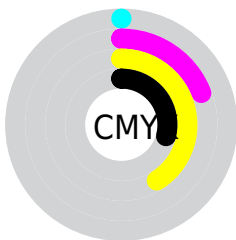
Distribution



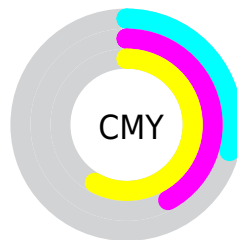
- Red (71%)
- Green (58%)
- Blue (42%)



- Red (66%)
- Yellow (71%)
- Blue (42%)



- Cyan (0%)
- Magenta (19%)
- Yellow (41%)
- Black (29%)



- Cyan (29%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 147, 106 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 181, 147, 106 by changing the saturation by 10% instead.

 181, 147, 106

255, 255, 255


 238, 201, 158

 255, 229, 185

 255, 255, 213


 255, 255, 241

 181, 147, 106

 153, 121, 82

 126, 97, 58


 100, 73, 36


 75, 50, 14

 51, 29, 0

 27, 5, 0


 0, 0, 0


 181, 147, 106


 181, 139, 88


 181, 147, 106


 181, 155, 124


 181, 131, 70


 181, 163, 142


 181, 122, 52


 181, 172, 160


 181, 114, 34


 181, 180, 178


 181, 106, 15

 181, 188, 197

 181, 99, 0

 181, 196, 215

 181, 204, 233

 181, 213, 251

 181, 221, 255

Harmonies

Analogous

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



197, 139, 119



181, 147, 106



158, 155, 105

Triad

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



181, 147, 106



79, 166, 164



171, 142, 187

Complementary

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



181, 147, 106



106, 140, 181

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.



139, 151, 200



181, 147, 106



78, 164, 186

Square

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



181, 147, 106



102, 165, 139



103, 159, 199



193, 136, 166

Rectangle

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



181, 147, 106



140, 160, 112



103, 159, 199



161, 145, 193

Sweetspot

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



181, 147, 106



235, 222, 206



181, 106, 141



117, 110, 101



245, 245, 245



117, 117, 117

Same Dimension

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



181, 147, 106



235, 181, 117



179, 181, 106



89, 85, 80



153, 84, 0



26, 14, 0

Inverse Universe

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



106, 140, 181



117, 170, 235



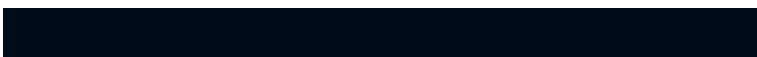
109, 106, 181



80, 84, 89



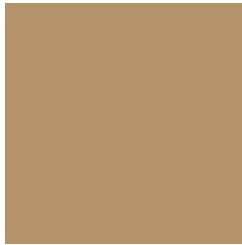
0, 69, 153



0, 12, 26

Previews

White Background



This preview shows how the RGB color 181, 147, 106 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 181, 147, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

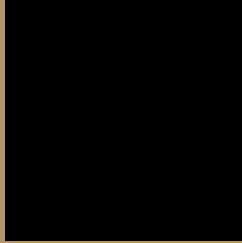
Any Text WCAG AA ✓ Pass

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 181, 147, 106 Background



This preview shows how black text looks on a background with the RGB color 181, 147, 106.



This preview shows how white text looks on a background with the RGB color 181, 147, 106.

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
181, 147, 106

Protanopia
165, 153, 108

Deuteranopia
182, 146, 106



Tritanopia
186, 141, 152

Trichromacy



Original Color

181, 147, 106

Protanomaly

171, 151, 107

Deuteranomaly

182, 146, 106

Tritanomaly

184, 143, 135

Monochromacy



Original Color

181, 147, 106

Achromatopsia

152, 152, 152

Achromatomaly

163, 150, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 147, 106 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(181, 147, 106)` looks like.

```
.text, #text, p{  
    color:rgb(181, 147, 106)  
}
```

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(181, 147, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 147, 106) }
```

Border

The CSS property to change the border of an element to RGB 181, 147, 106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

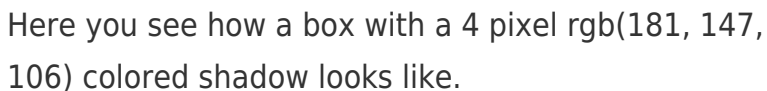
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 147, 106) }
```

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

```
.border{ border-color:rgb(181, 147, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 147, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 147, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 147, 106);  
box-shadow:4px 4px 4px 4px rgb(181, 147,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 181, 147, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 147, 106) }
```

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

```
.background{ background-color: rgb(181,  
147, 106) }
```

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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