

Converting Colors

RGB(181, 134, 109)

Have a look what the booklet for
RGB(181, 134, 109) contains.

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Color

RGB(181, 134, 109)

Conversions

Conversions Part 1

Format	Color
Hex	B5866D
RGB	181, 134, 109
RGB Percent	71%, 53%, 43%
CMY	0.2902, 0.4745, 0.5725
CMYK	0.00, 0.26, 0.40, 0.29
HSL	21°, 33%, 57%
HSV	21°, 40%, 71%
XYZ	30.3415, 27.9781, 18.2691
YIQ	145.2030, 36.0370, 2.1890

Conversions

Conversions Part 2

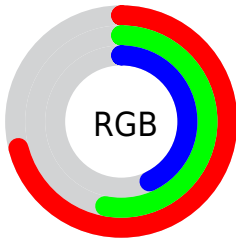
Format	Color
RYB	181, 147, 109
Decimal	11896429
CIELab	59.87, 14.70, 20.50
CIElCh	60, 25.223, 54.358
Yxy	27.9781, 0.3962, 0.3653
Android (android.graphics.Color)	4290086509 (0xFFB5866D)
YUV	145.2030, -17.8481, 31.3940
Hunter-Lab	52.8943, 9.8269, 16.5479

Details

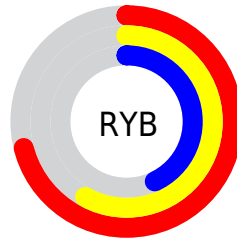
The RGB color **181, 134, 109** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **109, 156, 181**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **238, 187, 161**, and **126, 84, 61** is the 20% darker color. If you saturate the color by 10%, you get **181, 122, 91**, and if you desaturate by 10%, it is **181, 146, 127**.

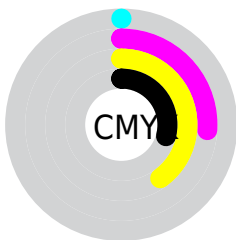
Distribution



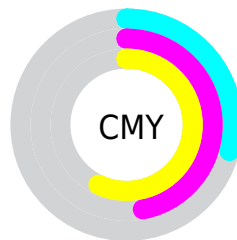
- Red (71%)
- Green (53%)
- Blue (43%)



- Red (71%)
- Yellow (58%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (29%)




- Cyan (29%)
- Magenta (47%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 134, 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 181, 134, 109 by changing the saturation by 10% instead.

 181, 134, 109


255, 255, 255

 238, 187, 161

 255, 215, 188

 255, 244, 216


 255, 255, 244

 181, 134, 109

 153, 109, 85

 126, 84, 61


 100, 61, 39


 74, 39, 18


 50, 18, 0


 27, 0, 1


 0, 0, 0


 181, 134, 109

 181, 122, 91


 181, 134, 109

 181, 146, 127


 181, 110, 73

 181, 158, 145


 181, 99, 55


 181, 169, 163

 181, 87, 37


 181, 181, 181


 181, 75, 19


 181, 193, 200

 181, 63, 0

 181, 205, 218

 181, 63, 0

 181, 217, 236

 181, 229, 254

 181, 240, 255

Harmonies

Analogous

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



189, 129, 127



181, 134, 109



164, 141, 100

Triad

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



181, 134, 109



91, 156, 139



142, 140, 185

Complementary

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



181, 134, 109



109, 156, 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.



110, 148, 188



181, 134, 109



76, 156, 162

Square

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



181, 134, 109



116, 154, 118



83, 153, 180



169, 133, 170

Rectangle

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



181, 134, 109



149, 146, 101



83, 153, 180



131, 143, 187

Sweetspot

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



181, 134, 109



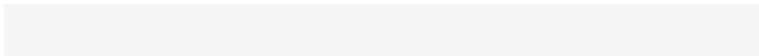
235, 216, 206



181, 109, 157



117, 107, 101



245, 245, 245



117, 117, 117

Same Dimension

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



181, 134, 109



235, 161, 122



181, 169, 109



89, 83, 80



153, 53, 0



26, 9, 0

Inverse Universe

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



109, 156, 181



122, 195, 235



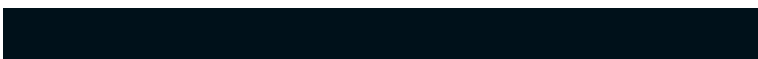
109, 121, 181



80, 86, 89



0, 100, 153



0, 17, 26

Previews

White Background



This preview shows how the RGB color 181, 134, 109 looks on a white background.

Color Contrast Check

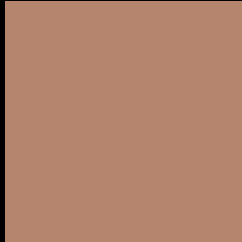
Large Text (above 18pt) WCAG AA ✓ Pass

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 181, 134, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

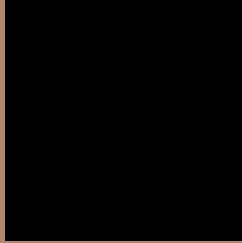
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 181, 134, 109 Background



This preview shows how black text looks on a background with the RGB color 181, 134, 109.



This preview shows how white text looks on a background with the RGB color 181, 134, 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
181, 134, 109

Protanopia
154, 144, 114

Deuteranopia
170, 139, 108



Tritanopia
184, 130, 140

Trichromacy



Original Color

181, 134, 109

Protanomaly

164, 140, 112

Deuteranomaly

174, 137, 108

Tritanomaly

183, 131, 129

Monochromacy



Original Color

181, 134, 109

Achromatopsia

145, 145, 145

Achromatomaly

158, 141, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 134, 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(181, 134, 109)` looks like.

```
.text, #text, p{  
    color:rgb(181, 134, 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(181, 134, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 134, 109) }
```

Border

The CSS property to change the border of an element to RGB 181, 134, 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(181, 134, 109) }
```

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

```
.border{ border-color:rgb(181, 134, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 134, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 134, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 134, 109);  
box-shadow:4px 4px 4px 4px rgb(181, 134,  
109) }
```

Background

The CSS property to change the background color of an element to RGB 181, 134, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 134, 109) }
```

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

```
.background{ background-color: rgb(181,  
134, 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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