

Converting Colors

RGB(181, 136, 116)

Have a look what the booklet for
RGB(181, 136, 116) contains.

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Color

RGB(181, 136, 116)

Conversions

Conversions Part 1

Format	Color
Hex	B58874
RGB	181, 136, 116
RGB Percent	71%, 53%, 45%
CMY	0.2902, 0.4667, 0.5451
CMYK	0.00, 0.25, 0.36, 0.29
HSL	18°, 31%, 58%
HSV	18°, 36%, 71%
XYZ	31.0126, 28.6930, 20.4268
YIQ	147.1750, 33.2400, 3.3200

Conversions

Conversions Part 2

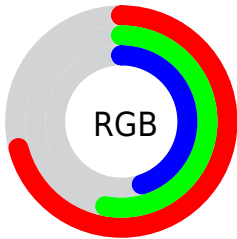
Format	Color
R_{YB}	181, 145, 116
Decimal	11896948
CIE Lab	60.51, 14.44, 17.42
CIE LCh	61, 22.626, 50.351
Yxy	28.6930, 0.3870, 0.3581
Android (android.graphics.Color)	4290087028 (0xFFB58874)
YUV	147.1750, -15.3693, 29.6645
Hunter-Lab	53.5659, 9.6044, 14.8865

Details

The RGB color **181, 136, 116** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **116, 161, 181**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **238, 189, 168**, and **127, 86, 68** is the 20% darker color. If you saturate the color by 10%, you get **181, 123, 98**, and if you desaturate by 10%, it is **181, 149, 134**.

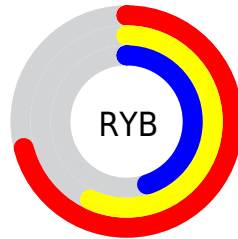
Distribution



Red (71%)

Green (53%)

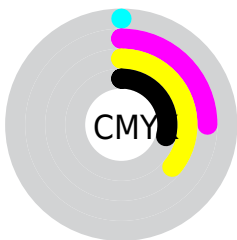
Blue (45%)



Red (71%)

Yellow (57%)

Blue (45%)

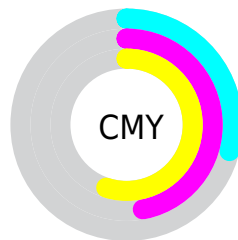


Cyan (0%)

Magenta (25%)

Yellow (36%)

Black (29%)



Cyan (29%)


Magenta (47%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 136, 116 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, 136, 116 by changing the saturation by 10% instead.

 181, 136, 116


255, 255, 255

 238, 189, 168

 255, 217, 195

 255, 246, 223

255, 255, 252

 181, 136, 116

 153, 111, 91

 127, 86, 68

 100, 63, 45


 75, 40, 24


 52, 19, 0


 29, 0, 0


 0, 0, 0


 181, 136, 116

 181, 123, 98


 181, 136, 116


 181, 149, 134


 181, 111, 80

 181, 161, 152


 181, 98, 62


 181, 174, 170

 181, 86, 44

 181, 186, 188

 181, 73, 25


 181, 199, 207


 181, 61, 7

 181, 211, 225

 181, 56, 0

 181, 224, 243

 181, 236, 255

 181, 249, 255

Harmonies

Analogous

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



187, 132, 133



181, 136, 116



167, 142, 107

Triad

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



181, 136, 116



102, 157, 139



140, 143, 183

Complementary

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



181, 136, 116



116, 161, 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.



113, 150, 185



181, 136, 116



88, 157, 159

Square

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



181, 136, 116



124, 154, 120



91, 155, 176



165, 136, 172

Rectangle

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



181, 136, 116



154, 147, 107



91, 155, 176



131, 145, 185

Sweetspot

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



181, 136, 116



235, 217, 209



181, 116, 162



117, 107, 102



245, 245, 245



117, 117, 117

Same Dimension

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



181, 136, 116



235, 165, 134



181, 168, 116



89, 83, 80



153, 47, 0



26, 8, 0

Inverse Universe

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



116, 161, 181



134, 204, 235



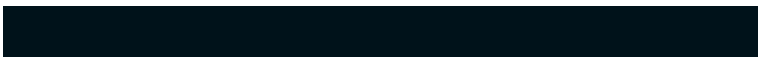
116, 129, 181



80, 87, 89



0, 106, 153



0, 18, 26

Previews

White Background



This preview shows how the RGB color 181, 136, 116 looks on a white background.

Color Contrast Check

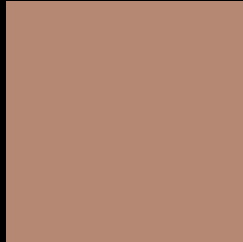
Large Text (above 18pt) WCAG AA ✓ Pass

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, 136, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

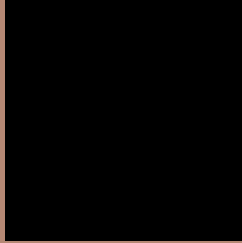
Any Text WCAG AA ✓ Pass

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, 136, 116 Background



This preview shows how black text looks on a background with the RGB color 181, 136, 116.



This preview shows how white text looks on a background with the RGB color 181, 136, 116.

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, 136, 116

Protanopia
155, 146, 121

Deuteranopia
171, 140, 115



Tritanopia
184, 132, 142

Trichromacy



Original Color

181, 136, 116

Protanomaly

164, 142, 119

Deuteranomaly

175, 139, 115

Tritanomaly

183, 133, 133

Monochromacy



Original Color

181, 136, 116

Achromatopsia

147, 147, 147

Achromatomaly

159, 143, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 136, 116 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, 136, 116)` looks like.

```
.text, #text, p{  
    color:rgb(181, 136, 116)  
}
```

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, 136, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 136, 116) }
```

Border

The CSS property to change the border of an element to RGB 181, 136, 116 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, 136, 116) }
```

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

```
.border{ border-color:rgb(181, 136, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 136, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 136, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 136, 116);  
box-shadow:4px 4px 4px 4px rgb(181, 136,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 181, 136, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 136, 116) }
```

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

```
.background{ background-color: rgb(181,  
136, 116) }
```

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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