

Converting Colors

RGB(189, 136, 117)

Have a look what the booklet for
RGB(189, 136, 117) contains.

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Color

RGB(189, 136, 117)

Conversions

Conversions Part 1

Format	Color
Hex	BD8875
RGB	189, 136, 117
RGB Percent	74%, 53%, 46%
CMY	0.2588, 0.4667, 0.5412
CMYK	0.00, 0.28, 0.38, 0.26
HSL	16°, 35%, 60%
HSV	16°, 38%, 74%
XYZ	33.0013, 29.7115, 20.8252
YIQ	149.6810, 37.6870, 5.3270

Conversions

Conversions Part 2

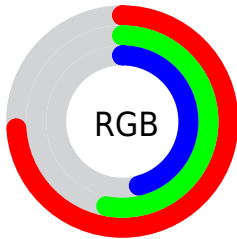
Format	Color
R_{YB}	189, 143, 117
Decimal	12421237
CIE _{Lab}	61.40, 17.79, 18.22
CIE _{LCh}	61, 25.465, 45.697
Yxy	29.7115, 0.3950, 0.3557
Android (android.graphics.Color)	4290611317 (0xFFBD8875)
YUV	149.6810, -16.1117, 34.4828
Hunter-Lab	54.5082, 12.6811, 15.5037

Details

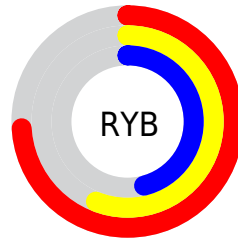
The RGB color **189, 136, 117** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **117, 170, 189**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **247, 190, 169**, and **134, 86, 69** is the 20% darker color. If you saturate the color by 10%, you get **189, 122, 98**, and if you desaturate by 10%, it is **189, 150, 136**.

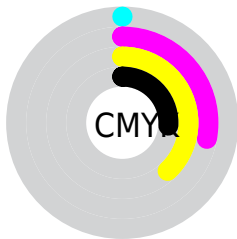
Distribution



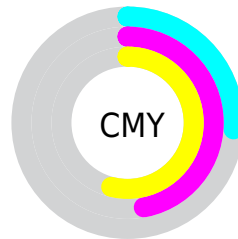
- Red (74%)
- Green (53%)
- Blue (46%)



- Red (74%)
- Yellow (56%)
- Blue (46%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (26%)



- Cyan (26%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 136, 117 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 189, 136, 117 by changing the saturation by 10% instead.

 189, 136, 117

255, 255, 255

 247, 190, 169


 255, 217, 196


 255, 246, 224

255, 255, 253

 189, 136, 117


 189, 122, 98

 189, 136, 117

 161, 110, 92

 134, 86, 69

 107, 62, 46

 81, 40, 25

 57, 19, 0

 35, 0, 0

 0, 0, 0

 189, 136, 117

 189, 150, 136

 189, 108, 79

 189, 164, 155

 189, 94, 60

 189, 178, 174

 189, 80, 41

 189, 192, 193

 189, 66, 22

 189, 206, 212

 189, 53, 4

 189, 219, 230

 189, 50, 0

 189, 233, 249

 189, 247, 255

 189, 255, 255

Harmonies

Analogous

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



194, 132, 137



189, 136, 117



174, 143, 105

Triad

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



189, 136, 117



101, 160, 136



137, 146, 191

Complementary

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



189, 136, 117



117, 170, 189

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.



104, 154, 191



189, 136, 117



82, 161, 160

Square

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



189, 136, 117



127, 157, 116



81, 159, 180



166, 138, 180

Rectangle

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



189, 136, 117



160, 148, 103



81, 159, 180



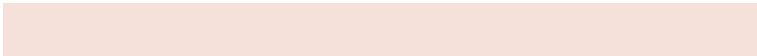
126, 149, 193

Sweetspot

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



189, 136, 117



245, 225, 218



189, 117, 171



122, 111, 106



250, 250, 250



122, 122, 122

Same Dimension

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



189, 136, 117



245, 162, 132



189, 171, 117



94, 87, 85



158, 42, 0



31, 8, 0

Inverse Universe

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



117, 170, 189



132, 215, 245



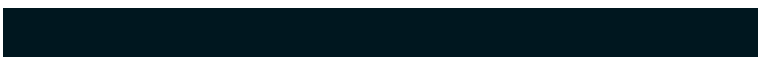
117, 135, 189



85, 92, 94



0, 116, 158



0, 23, 31

Previews

White Background



This preview shows how the RGB color 189, 136, 117 looks on a white background.

Color Contrast Check

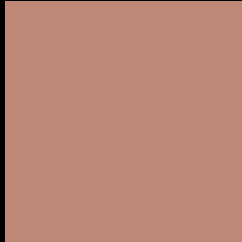
Large Text (above 18pt) WCAG AA ✓ Pass

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 189, 136, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

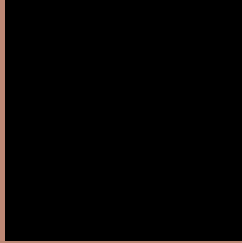
Any Text WCAG AA ✓ Pass

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 189, 136, 117 Background



This preview shows how black text looks on a background with the RGB color 189, 136, 117.



This preview shows how white text looks on a background with the RGB color 189, 136, 117.

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
189, 136, 117

Protanopia
157, 148, 123

Deuteranopia
174, 143, 116



Tritanopia

191, 132, 142

Trichromacy



Original Color

189, 136, 117

Protanomaly

169, 144, 121

Deuteranomaly

179, 140, 116

Tritanomaly

190, 133, 133

Monochromacy



Original Color

189, 136, 117

Achromatopsia

150, 150, 150

Achromatomaly

164, 145, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 136, 117 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(189, 136, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 136, 117)  
}
```

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(189, 136, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 136, 117) }
```

Border

The CSS property to change the border of an element to RGB 189, 136, 117 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(189, 136, 117) }
```

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

```
.border{ border-color:rgb(189, 136, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 136, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 136, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 136, 117);  
box-shadow:4px 4px 4px 4px rgb(189, 136,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 189, 136, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 136, 117) }
```

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

```
.background{ background-color: rgb(189,  
136, 117) }
```

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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