

Converting Colors

RGB(186, 136, 117)

Have a look what the booklet for
RGB(186, 136, 117) contains.

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Color

RGB(186, 136, 117)

Conversions

Conversions Part 1

Format	Color
Hex	BA8875
RGB	186, 136, 117
RGB Percent	73%, 53%, 46%
CMY	0.2706, 0.4667, 0.5412
CMYK	0.00, 0.27, 0.37, 0.27
HSL	17°, 33%, 59%
HSV	17°, 37%, 73%
XYZ	32.2647, 29.3318, 20.7907
YIQ	148.7840, 35.8990, 4.6910

Conversions

Conversions Part 2

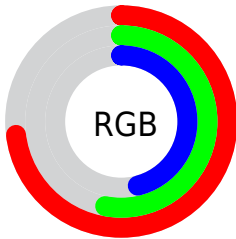
Format	Color
R_{YB}	186, 143, 117
Decimal	12224629
CIE _{Lab}	61.07, 16.58, 17.72
CIE _{LCh}	61, 24.264, 46.899
Yxy	29.3318, 0.3916, 0.3560
Android (android.graphics.Color)	4290414709 (0xFFBA8875)
YUV	148.7840, -15.6695, 32.6384
Hunter-Lab	54.1588, 11.5622, 15.1507

Details

The RGB color **186, 136, 117** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **117, 167, 186**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **243, 189, 169**, and **131, 86, 69** is the 20% darker color. If you saturate the color by 10%, you get **186, 123, 98**, and if you desaturate by 10%, it is **186, 149, 136**.

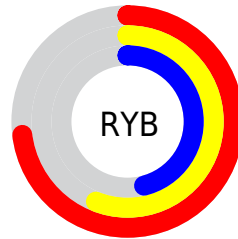
Distribution



Red (73%)

Green (53%)

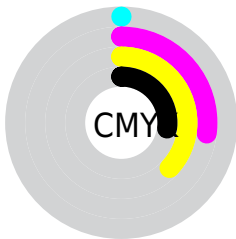
Blue (46%)



Red (73%)

Yellow (56%)

Blue (46%)

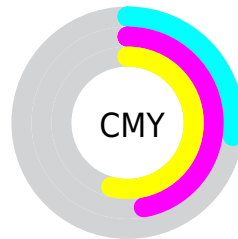


Cyan (0%)

Magenta (27%)

Yellow (37%)

Black (27%)



Cyan (27%)

Magenta (47%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 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 186, 136, 117 by changing the saturation by 10% instead.

 186, 136, 117

255, 255, 255

 243, 189, 169


 255, 217, 196

 255, 246, 224


255, 255, 253

 186, 136, 117

 186, 123, 98

 186, 136, 117

 158, 111, 92

 131, 86, 69


 105, 62, 46


 79, 40, 25

 55, 19, 0

 33, 0, 0

 0, 0, 0

 186, 136, 117

 186, 149, 136

 186, 109, 80

 186, 163, 154

 186, 96, 61

 186, 176, 173

 186, 82, 43

 186, 190, 191

 186, 69, 24

 186, 203, 210

 186, 55, 5

 186, 217, 229

 186, 51, 0

 186, 230, 247

 186, 244, 255

 186, 255, 255

Harmonies

Analogous

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



191, 132, 136



186, 136, 117



171, 143, 106

Triad

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



186, 136, 117



102, 159, 137



138, 145, 188

Complementary

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



186, 136, 117



117, 167, 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.



107, 152, 189



186, 136, 117



85, 159, 159

Square

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



186, 136, 117



126, 155, 118



86, 157, 178



165, 138, 177

Rectangle

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



186, 136, 117



158, 148, 105



86, 157, 178



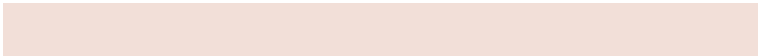
128, 148, 190

Sweetspot

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



186, 136, 117



242, 223, 216



186, 117, 168



122, 111, 106



250, 250, 250



122, 122, 122

Same Dimension

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



186, 136, 117



242, 163, 133



186, 170, 117



92, 85, 83



156, 43, 0



28, 8, 0

Inverse Universe

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



117, 167, 186



133, 212, 242



117, 133, 186



83, 89, 92



0, 113, 156



0, 20, 28

Previews

White Background



This preview shows how the RGB color 186, 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 186, 136, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

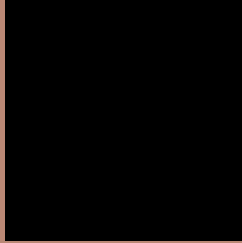
Any Text WCAG AA ✓ Pass

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 186, 136, 117 Background



This preview shows how black text looks on a background with the RGB color 186, 136, 117.



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





Tritanopia
188, 132, 142

Trichromacy



Original Color
186, 136, 117

Protanomaly
167, 143, 120

Deuteranomaly
178, 140, 116

Tritanomaly
187, 133, 133

Monochromacy



Original Color
186, 136, 117

Achromatopsia
149, 149, 149

Achromatomaly
162, 144, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 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(186, 136, 117)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 136, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 136, 117) }
```

Border

The CSS property to change the border of an element to RGB 186, 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(186, 136, 117) }
```

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

```
.border{ border-color:rgb(186, 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(186, 136, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 136, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 136, 117);  
box-shadow:4px 4px 4px 4px rgb(186, 136,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 186, 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(186, 136, 117) }
```

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

```
.background{ background-color: rgb(186,  
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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