

Converting Colors

RGB(186, 164, 122)

Have a look what the booklet for
RGB(186, 164, 122) contains.

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Color

RGB(186, 164, 122)

Conversions

Conversions Part 1

Format	Color
Hex	BAA47A
RGB	186, 164, 122
RGB Percent	73%, 64%, 48%
CMY	0.2706, 0.3569, 0.5216
CMYK	0.00, 0.12, 0.34, 0.27
HSL	39°, 32%, 60%
HSV	39°, 34%, 73%
XYZ	37.0380, 38.3952, 23.8712
YIQ	165.7900, 26.5940, -8.3980

Conversions

Conversions Part 2

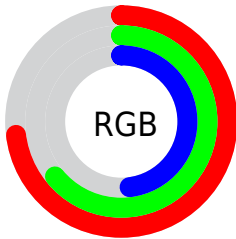
Format	Color
RYB	156, 186, 122
Decimal	12231802
CIELab	68.31, 1.80, 24.77
CIELCh	68, 24.832, 85.846
Yxy	38.3952, 0.3730, 0.3866
Android (android.graphics.Color)	4290421882 (0xFFBAA47A)
YUV	165.7900, -21.5885, 17.7242
Hunter-Lab	61.9638, -1.7408, 20.5335

Details

The RGB color **186, 164, 122** is a light color, and the websafe version is hex **999966**. A complement of this color would be **122, 144, 186**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **243, 219, 175**, and **132, 112, 73** is the 20% darker color. If you saturate the color by 10%, you get **186, 158, 103**, and if you desaturate by 10%, it is **186, 170, 141**.

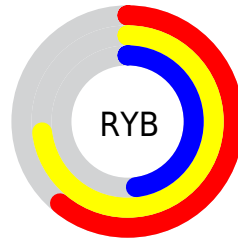
Distribution



Red (73%)

Green (64%)

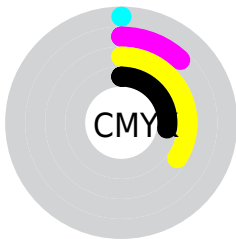
Blue (48%)



Red (61%)

Yellow (73%)

Blue (48%)

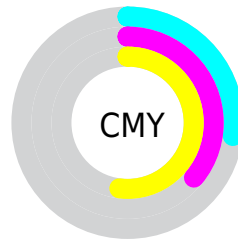


Cyan (0%)

Magenta (12%)

Yellow (34%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 164, 122 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, 164, 122 by changing the saturation by 10% instead.


 186, 164, 122

255, 255, 255

 243, 219, 175

 255, 247, 202

 255, 255, 230

 186, 164, 122

 159, 138, 97

 132, 112, 73

 106, 88, 50

 81, 65, 28

 57, 43, 4


 34, 23, 0

 0, 0, 0

 186, 164, 122

 186, 158, 103

 186, 164, 122

 186, 170, 141

■ 186, 151, 85

■ 186, 177, 159

■ 186, 145, 66

■ 186, 183, 178

■ 186, 138, 48

■ 186, 190, 196

■ 186, 132, 29

■ 186, 196, 215

■ 186, 126, 10

■ 186, 202, 234

■ 186, 122, 0

■ 186, 209, 252

■ 186, 215, 255

■ 186, 222, 255

Harmonies

Analogous

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



204, 157, 130



186, 164, 122



162, 171, 126

Triad

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



186, 164, 122



101, 179, 185



193, 155, 192

Complementary

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



186, 164, 122



122, 144, 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.



166, 162, 207



186, 164, 122



109, 176, 203

Square

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



186, 164, 122



113, 179, 163



135, 170, 211



209, 151, 171

Rectangle

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



186, 164, 122



145, 175, 135



135, 170, 211



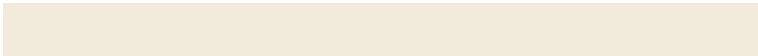
185, 157, 198

Sweetspot

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



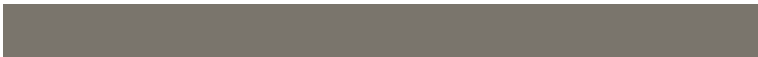
186, 164, 122



242, 234, 218



186, 122, 144



122, 117, 108



250, 250, 250



122, 122, 122

Same Dimension

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



186, 164, 122



242, 208, 143



176, 186, 122



92, 89, 83



156, 102, 0



28, 18, 0

Inverse Universe

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



122, 144, 186



143, 177, 242



132, 122, 186



83, 86, 92



0, 53, 156



0, 10, 28

Previews

White Background



This preview shows how the RGB color 186, 164, 122 looks on a white background.

Color Contrast Check

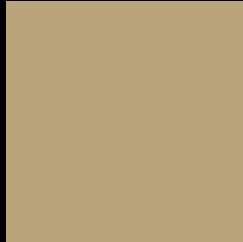
Large Text (above 18pt) WCAG AA × Fail

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 186, 164, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

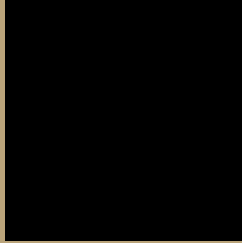
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

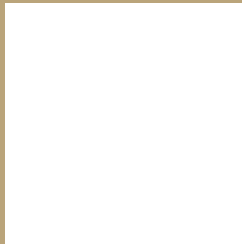
Any Text WCAG AAA ✓ Pass

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

RGB 186, 164, 122 Background



This preview shows how black text looks on a background with the RGB color 186, 164, 122.



This preview shows how white text looks on a background with the RGB color 186, 164, 122.

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

186, 164, 122

Protanopia

179, 166, 123

Deuteranopia

197, 160, 123



Tritanopia
191, 158, 170

Trichromacy



Original Color
186, 164, 122

Protanomaly
182, 165, 123

Deuteranomaly
193, 161, 123

Tritanomaly
189, 160, 153

Monochromacy



Original Color
186, 164, 122

Achromatopsia
166, 166, 166

Achromatomaly
173, 165, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 164, 122 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, 164, 122)` looks like.

```
.text, #text, p{  
    color:rgb(186, 164, 122)  
}
```

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, 164, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 164, 122) }
```

Border

The CSS property to change the border of an element to RGB 186, 164, 122 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, 164, 122) }
```

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

```
.border{ border-color:rgb(186, 164, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 164, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 164, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 164, 122);  
box-shadow:4px 4px 4px 4px rgb(186, 164,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 186, 164, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 164, 122) }
```

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

```
.background{ background-color: rgb(186,  
164, 122) }
```

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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