

Converting Colors

Hex(BBA16C)

Have a look what the booklet for
Hex(BBA16C) contains.

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Color

Hex(BBA16C)

Conversions

Conversions Part 1

Format	Color
Hex	BBA16C
RGB	187, 161, 108
RGB Percent	73%, 63%, 42%
CMY	0.2667, 0.3686, 0.5765
CMYK	0.00, 0.14, 0.42, 0.27
HSL	40°, 37%, 58%
HSV	40°, 42%, 73%
XYZ	35.9452, 37.1372, 19.4610
YIQ	162.7320, 32.5090, -10.9710

Conversions

Conversions Part 2

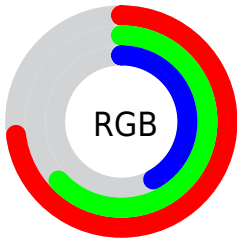
Format	Color
RYB	147, 187, 108
Decimal	12296556
CIELab	67.38, 2.18, 31.10
CIElCh	67, 31.176, 85.984
Yxy	37.1372, 0.3884, 0.4013
Android (android.graphics.Color)	4290486636 (0xFFBBA16C)
YUV	162.7320, -26.9829, 21.2830
Hunter-Lab	60.9403, -1.3588, 23.7242

Details

The Hex color **BBA16C** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6C86BB**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F4D8A0**, and **846E3B** is the 20% darker color. If you saturate the color by 10%, you get **BB9B59**, and if you desaturate by 10%, it is **BBA77F**.

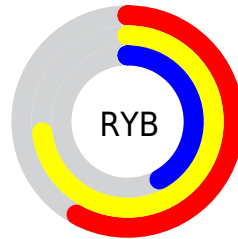
Distribution



Red (73%)

Green (63%)

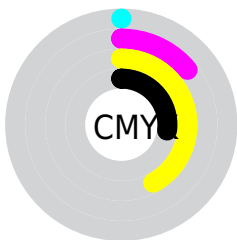
Blue (42%)



Red (58%)

Yellow (73%)

Blue (42%)

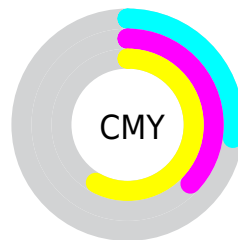


Cyan (0%)

Magenta (14%)

Yellow (42%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBA16C 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 Hex color BBA16C by changing the saturation by 10% instead.

 BBA16C

 BBA16C

FFFFFF

 9F8753

 F4D8A0

 846E3B

 FFF4BB

 6A5524

 FFFFD7

 503E0D

 FFFFF4

 382900

 201500

 000000

 BBA16C

 BBA16C

 BB9B59

 BBA77F

 BB9547

 BBAD91

 BB8F34

 BBB3A4

 BB8821

 BBBAB7

 BB820E

 BBC0CA

 BB7D00

 BBC6DC

 BBCCEF

 BBD2FF

 BBD8FF

Harmonies

Analogous

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



D19776



BBA16C



9EAA71

Triad

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



BBA16C



46B3BC



C495C4

Complementary

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



BBA16C



6C86BB

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.



A39ED6



BBA16C



52AFD2

Square

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



BBA16C



5DB39F



78A8DC



D88FA9

Rectangle

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



BBA16C



89AE7C



78A8DC



BA98CB

Sweetspot

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



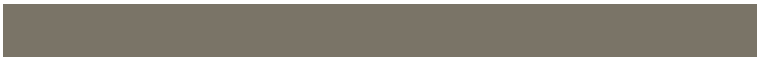
BBA16C



F2E8D3



BB6C86



7A7467



FAFAFA



7A7A7A

Same Dimension

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



BBA16C



F2CA77



AEBB6C



5E5B55



9E6A00



1F1500

Inverse Universe

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



6C86BB



779FF2



796CBB



55585E



00349E



000A1F

Previews

White Background



This preview shows how the Hex color BBA16C looks on a white background.

Color Contrast Check

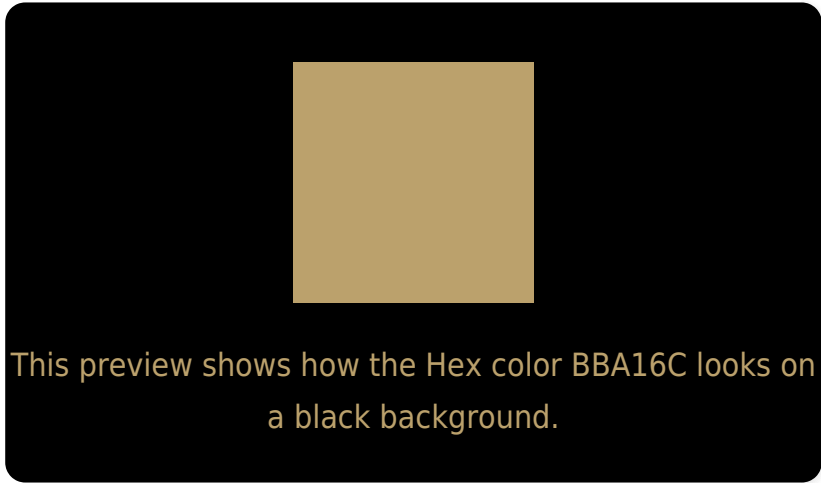
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

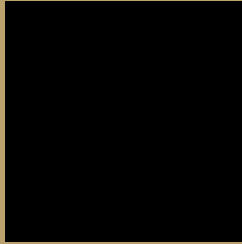
Any Text WCAG AA ✓ Pass

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](#).

Hex BBA16C Background



This preview shows how black text looks on a background with the Hex color BBA16C.



This preview shows how white text looks on a background with the Hex color BBA16C.

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
BBA16C

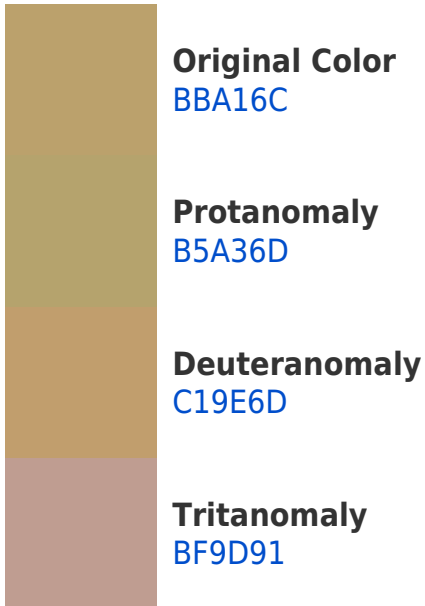
Protanopia
B2A46D

Deuteranopia
C59D6D

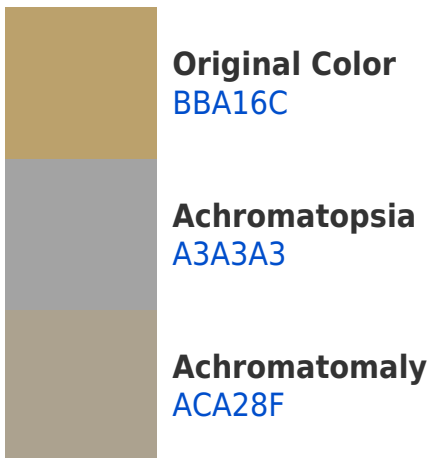


Tritanopia
C19AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBA16C 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 #BBA16C looks like.

```
.text, #text, p{  
    color:#BBA16C  
}
```

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 #BBA16C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA16C
}
```

Border

The CSS property to change the border of an element to Hex BBA16C 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
#BBA16C }
```

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

```
.border{ border-color:#BBA16C }
```

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

Here you see how a box with a 4 pixel #BBA16C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA16C; -webkit-box-shadow:4px 4px  
4px 4px #BBA16C; box-shadow:4px 4px 4px  
4px #BBA16C }
```

Background

The CSS property to change the background color of an element to Hex BBA16C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA16C }
```

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

```
.background{ background-color:#BBA16C }
```

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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