

Converting Colors

Hex(BBA044)

Have a look what the booklet for
Hex(BBA044) contains.

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Color

Hex(BBA044)

Conversions

Conversions Part 1

Format	Color
Hex	BBA044
RGB	187, 160, 68
RGB Percent	73%, 63%, 27%
CMY	0.2667, 0.3725, 0.7333
CMYK	0.00, 0.14, 0.64, 0.27
HSL	46°, 47%, 50%
HSV	46°, 64%, 73%
XYZ	34.1077, 36.1238, 10.6438
YIQ	157.5850, 45.6240, -22.8880

Conversions

Conversions Part 2

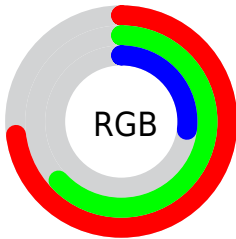
Format	Color
RYB	103, 187, 68
Decimal	12296260
CIELab	66.61, -0.79, 50.31
CIELCh	67, 50.313, 90.895
Yxy	36.1238, 0.4217, 0.4467
Android (android.graphics.Color)	4290486340 (0xFFBBA044)
YUV	157.5850, -44.1654, 25.7970
Hunter-Lab	60.1030, -3.8839, 31.5724

Details

The Hex color **BBA044** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **445FBB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F6D678**, and **836D0C** is the 20% darker color. If you saturate the color by 10%, you get **BB9C31**, and if you desaturate by 10%, it is **BBA457**.

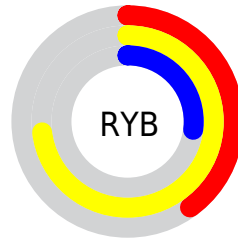
Distribution



Red (73%)

Green (63%)

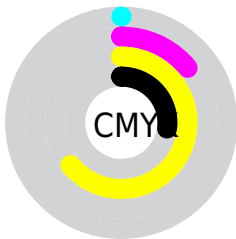
Blue (27%)



Red (40%)

Yellow (73%)

Blue (27%)

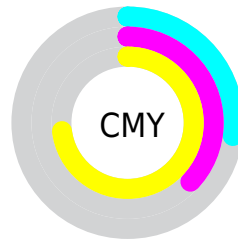


Cyan (0%)

Magenta (14%)

Yellow (64%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBA044 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 BBA044 by changing the saturation by 10% instead.

 BBA044

 BBA044

FFFFFF

 9E862A

 F6D678

 836D0C

 FFF393

 675500

 FFFFAE

 4D3E00

 FFFFCA

 332800

 FFFFEE

 1B1400

 000000

 BBA044

 BBA044

 BB9C31

 BBA457

 BB981F

 BBA869

 BB930C

 BBAD7C

 BB9100

 BBB18F

 BBB5A2

 BBB9B4

 BBEC7

 BBC2DA

 BBC6EC

Harmonies

Analogous

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



DF9053



BBA044



8DAD51

Triad

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



BBA044



00B8CF



DB84CF

Complementary

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



BBA044



445FBB

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.



A696F0



BBA044



00B2F0

Square

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



BBA044



00B9A2



4FA6FC



F47BA2

Rectangle

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



BBA044



68B367



4FA6FC



CC8ADC

Sweetspot

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



BBA044



F2E8C4



BB4460



7A745E



FAFAFA



7A7A7A

Same Dimension

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



BBA044



F2C83A



9BBB44



5E5C55



9E7A00



1F1800

Inverse Universe

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



445FBB



3A64F2



6444BB



55575E



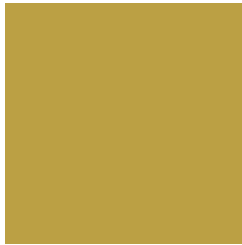
00249E



00071F

Previews

White Background



This preview shows how the Hex color BBA044 looks on a white background.

Color Contrast Check

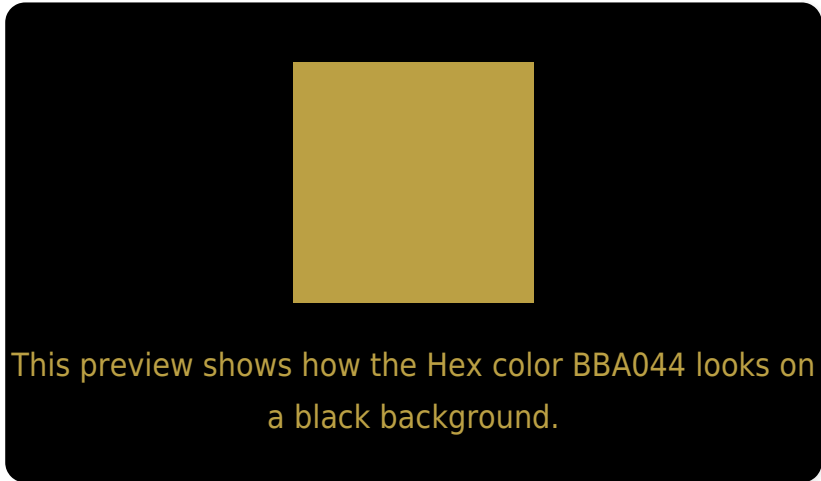
Large Text (above 18pt) WCAG AA × Fail

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 BBA044 Background



This preview shows how black text looks on a background with the Hex color BBA044.



This preview shows how white text looks on a background with the Hex color BBA044.

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
BBA044

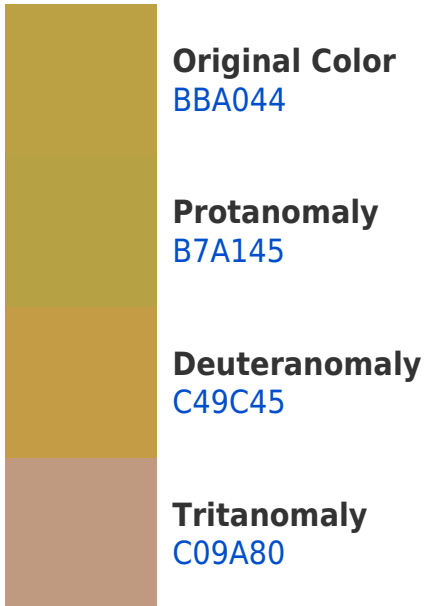
Protanopia
B4A245

Deuteranopia
C99A46

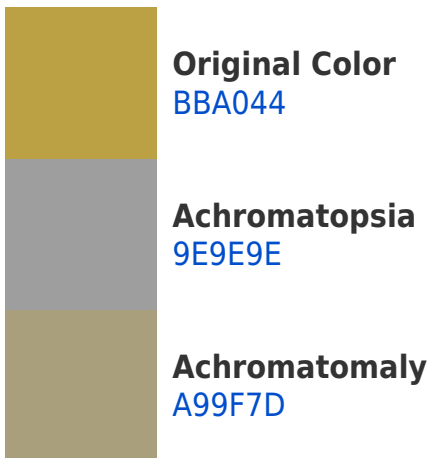


Tritanopia
C396A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBA044 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 #BBA044 looks like.

```
.text, #text, p{  
    color:#BBA044  
}
```

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 #BBA044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA044
}
```

Border

The CSS property to change the border of an element to Hex BBA044 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
#BBA044 }
```

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

```
.border{ border-color:#BBA044 }
```

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

Here you see how a box with a 4 pixel #BBA044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA044; -webkit-box-shadow:4px 4px  
4px 4px #BBA044; box-shadow:4px 4px 4px  
4px #BBA044 }
```

Background

The CSS property to change the background color of an element to Hex BBA044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA044 }
```

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

```
.background{ background-color:#BBA044 }
```

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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