

# Converting Colors

Hex(BBA729)

Have a look what the booklet for  
Hex(BBA729) contains.

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**Color**

**Hex(BBA729)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBA729
RGB	187, 167, 41
RGB Percent	73%, 65%, 16%
CMY	0.2667, 0.3451, 0.8392
CMYK	0.00, 0.11, 0.78, 0.27
HSL	52°, 64%, 45%
HSV	52°, 78%, 73%
XYZ	34.7125, 38.3623, 7.6729
YIQ	158.6160, 52.3660, -34.9460

# Conversions

## Conversions Part 2

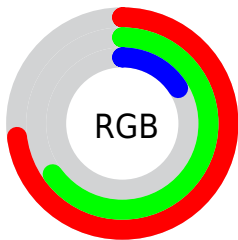
Format	Color
<a href="#">RYB</a>	64, 187, 41
Decimal	12298025
CIELab	68.29, -5.91, 62.71
CIELCh	68, 62.990, 95.381
Yxy	38.3623, 0.4299, 0.4751
Android (android.graphics.Color)	4290488105 (0xFFBBA729)
YUV	158.6160, -57.9847, 24.8928
Hunter-Lab	61.9373, -8.3509, 36.0111

# Details

The Hex color **BBA729** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **293DBB**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F6DE61**, and **827300** is the 20% darker color. If you saturate the color by 10%, you get **BBA416**, and if you desaturate by 10%, it is **BBAA3C**.

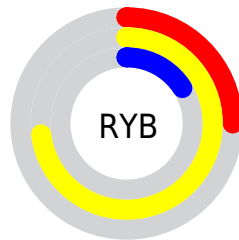
# Distribution



Red (73%)

Green (65%)

Blue (16%)



Red (25%)

Yellow (73%)

Blue (16%)

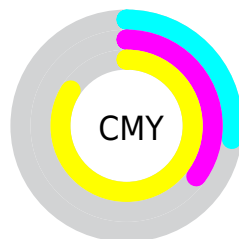


Cyan (0%)

Magenta (11%)

Yellow (78%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBA729 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 BBA729 by changing the saturation by 10% instead.



 BBA729

 BBA729

FFFFFF

 9E8D00

 F6DE61

 827300

 FFFA7C

 665B00

 FFFF98

 4B4400

 FFFFB4

 312E00

 FFFF00

 191A00

 FFFFED

 000000

 BBA729

 BBA729

 BBA416

 BBAA3C

 BBA204

 BBAC4E

 BBA100

 BBAF61

 BBB174

 BBB486

 BBB699

 BBB9AC

 BBBBBF

 BBBED1

# Harmonies

## Analogous

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



EA923C



BBA729



80B643

# Triad

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



BBA729



00C0E7



F47CD7

# Complementary

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



BBA729



293DBB

# 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.



B693FF



BBA729



00B9FF

# Square

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



BBA729



00C2AF



38AAFF



FF719F

# Rectangle

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



BBA729



48BC63



38AAFF



E383E8



# Sweetspot

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



BBA729



F2EBBB



BB293F



7A7658



FAFAFA



7A7A7A



# Same Dimension

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



BBA729



F2D30F



88BB29



5E5D55



9E8800



1F1A00



# Inverse Universe

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



293DBB



0F2EF2



5C29BB



55565E



00169E



00041F



# Previews

## White Background



This preview shows how the Hex color BBA729 looks on a white background.

## Color Contrast Check

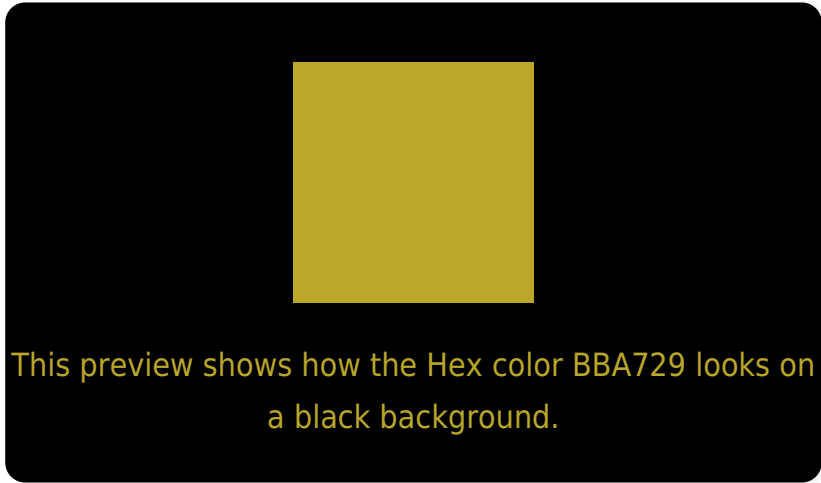
Large Text (above 18pt) WCAG AA × Fail

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 BBA729 Background



This preview shows how black text looks on a background with the Hex color BBA729.



This preview shows how white text looks on a background with the Hex color BBA729.

# 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**  
BBA729

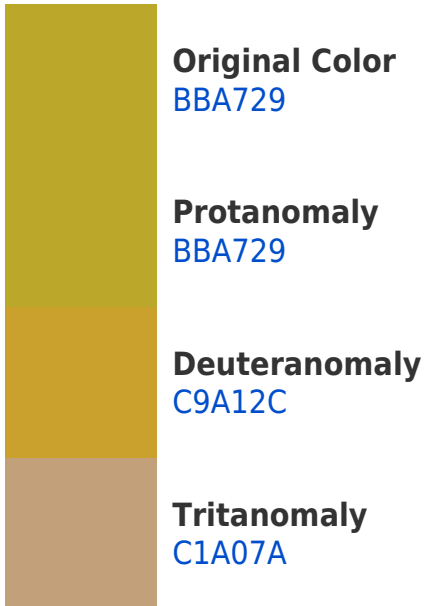
**Protanopia**  
BBA729

**Deuteranopia**  
D19E2D

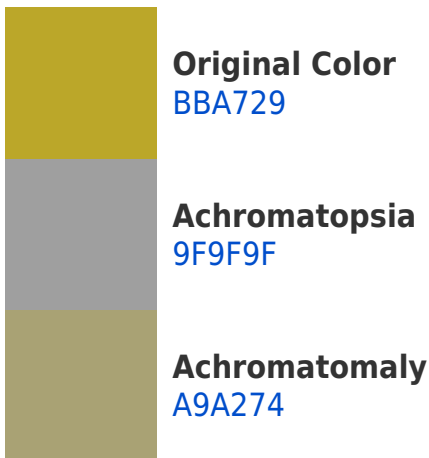


**Tritanopia**  
C49CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBA729 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 #BBA729 looks like.

```
.text, #text, p{  
    color:#BBA729  
}
```

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 #BBA729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA729
}
```

## Border

The CSS property to change the border of an element to Hex BBA729 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
#BBA729 }
```

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

```
.border{ border-color:#BBA729 }
```

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

Here you see how a box with a 4 pixel #BBA729 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA729; -webkit-box-shadow:4px 4px  
4px 4px #BBA729; box-shadow:4px 4px 4px  
4px #BBA729 }
```

# Background

The CSS property to change the background color of an element to Hex BBA729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA729 }
```

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

```
.background{ background-color:#BBA729 }
```

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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