

# Converting Colors

Hex(BBA528)

Have a look what the booklet for  
Hex(BBA528) contains.

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# **Color**

**Hex(BBA528)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBA528
RGB	187, 165, 40
RGB Percent	73%, 65%, 16%
CMY	0.2667, 0.3529, 0.8431
CMYK	0.00, 0.12, 0.79, 0.27
HSL	51°, 65%, 45%
HSV	51°, 79%, 73%
XYZ	34.3317, 37.6283, 7.4610
YIQ	157.3280, 53.2370, -34.2110

# Conversions

## Conversions Part 2

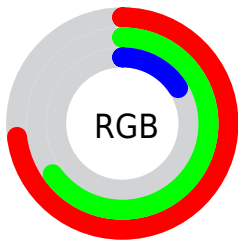
Format	Color
<a href="#">RYB</a>	<a href="#">66, 187, 40</a>
Decimal	<a href="#">12297512</a>
CIELab	<a href="#">67.75, -4.89, 62.55</a>
CIELCh	<a href="#">68, 62.738, 94.467</a>
Yxy	<a href="#">37.6283, 0.4323, 0.4738</a>
Android (android.graphics.Color)	<a href="#">4290487592</a> ( <a href="#">0xFFBBA528</a> )
YUV	<a href="#">157.3280, -57.8427, 26.0223</a>
Hunter-Lab	<a href="#">61.3419, -7.4459, 35.7279</a>

# Details

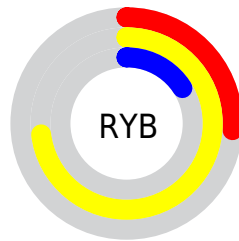
The Hex color **BBA528** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **283EBB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F6DC60**, and **827200** is the 20% darker color. If you saturate the color by 10%, you get **BBA215**, and if you desaturate by 10%, it is **BBA83B**.

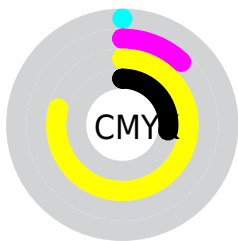
# Distribution



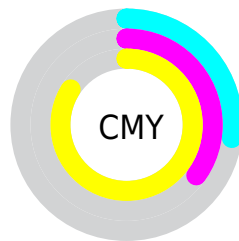
- Red (73%)
- Green (65%)
- Blue (16%)



- Red (26%)
- Yellow (73%)
- Blue (16%)



- Cyan (0%)
- Magenta (12%)
- Yellow (79%)
- Black (27%)



- Cyan (27%)
- Magenta (35%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBA528 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 BBA528 by changing the saturation by 10% instead.



 BBA528

 BBA528

FFFFFF

 9E8B00

 F6DC60

 827200

 FFF87B

 665900

 FFFF97

 4B4200

 FFFFB3

 312D00

 FFFFCF

 181800

 FFFFEC

 000000

 BBA528

 BBA528

 BBA215

 BBA83B

 BB9F03

 BBAB4D

 BB9F00

 BBAD60

 BBB073

 BBB385

 BBB698

 BBB9AB

 BBBBBE

 BBBED0

# Harmonies

## Analogous

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



E9903C



BBA528



80B441

# Triad

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



BBA528



00BFE4



F07BD7

# Complementary

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



BBA528



283EBB

# 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.



B292FF



BBA528



00B8FF

# Square

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



BBA528



00C0AC



2EA9FF



FF709F

# Rectangle

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



BBA528



4BBA60



2EA9FF



E082E8



# Sweetspot

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



BBA528



F2EAB8



BB283E



7A7557



FAFAFA



7A7A7A



# Same Dimension

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



BBA528



F2D00F



88BB28



5E5D55



9E8600



1F1A00



# Inverse Universe

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



283EBB



0F31F2



5B28BB



55565E



00189E



00051F



# Previews

## White Background



This preview shows how the Hex color BBA528 looks on a white background.

## Color Contrast Check

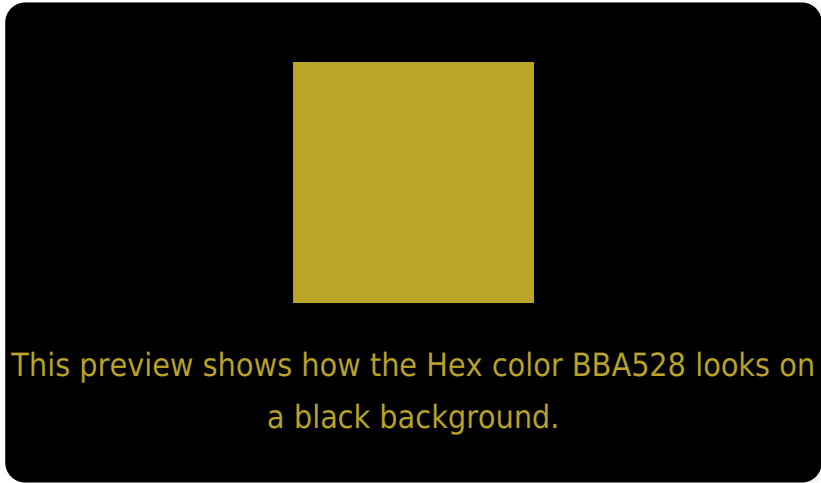
Large Text (above 18pt) WCAG AA × Fail

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 BBA528 Background



This preview shows how black text looks on a background with the Hex color BBA528.



This preview shows how white text looks on a background with the Hex color BBA528.

# 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**  
BBA528

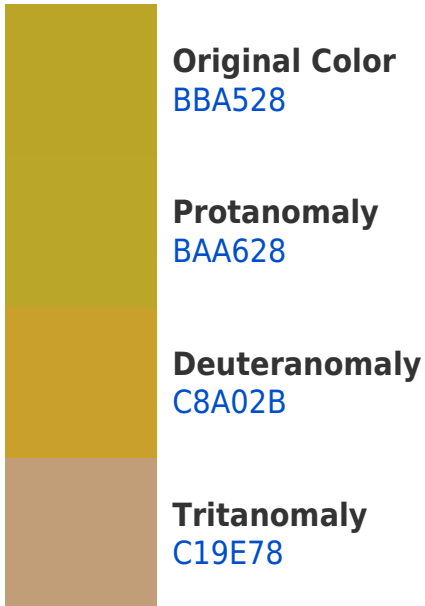
**Protanopia**  
BAA628

**Deuteranopia**  
CF9D2C

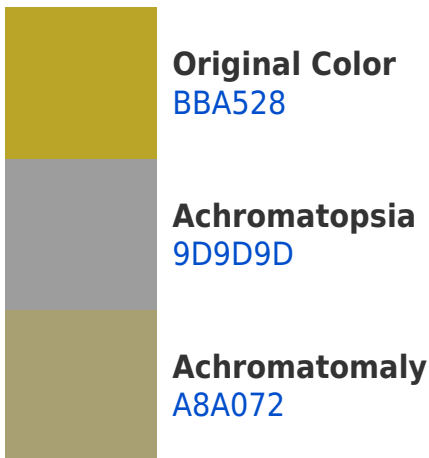


**Tritanopia**  
C49AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBA528 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 #BBA528 looks like.

```
.text, #text, p{  
    color:#BBA528  
}
```

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 #BBA528 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA528
}
```

## Border

The CSS property to change the border of an element to Hex BBA528 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
#BBA528 }
```

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

```
.border{ border-color:#BBA528 }
```

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

Here you see how a box with a 4 pixel #BBA528 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA528; -webkit-box-shadow:4px 4px  
4px 4px #BBA528; box-shadow:4px 4px 4px  
4px #BBA528 }
```

# Background

The CSS property to change the background color of an element to Hex BBA528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA528 }
```

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

```
.background{ background-color:#BBA528 }
```

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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