

# Converting Colors

Hex(BBAA5A)

Have a look what the booklet for  
Hex(BBAA5A) contains.

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# **Color**

**Hex(BBAA5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBA5A
RGB	187, 170, 90
RGB Percent	73%, 67%, 35%
CMY	0.2667, 0.3333, 0.6471
CMYK	0.00, 0.09, 0.52, 0.27
HSL	49°, 42%, 54%
HSV	49°, 52%, 73%
XYZ	36.7137, 40.0524, 15.4687
YIQ	165.9630, 35.8120, -21.2760

# Conversions

## Conversions Part 2

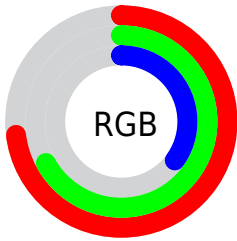
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 187, 90
Decimal	12298842
CIELab	69.51, -4.43, 43.07
CIELCh	70, 43.294, 95.867
Yxy	40.0524, 0.3980, 0.4342
Android (android.graphics.Color)	4290488922 (0xFFBBAA5A)
YUV	165.9630, -37.4498, 18.4494
Hunter-Lab	63.2870, -7.2018, 29.8091

# Details

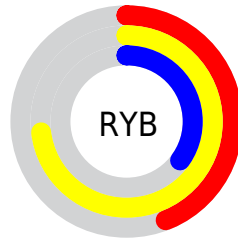
The Hex color **BBAA5A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5A6BBB**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **F5E18E**, and **847628** is the 20% darker color. If you saturate the color by 10%, you get **BBA747**, and if you desaturate by 10%, it is **BBAD6D**.

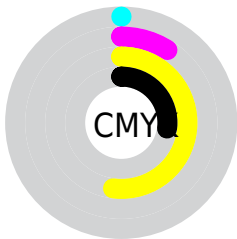
# Distribution



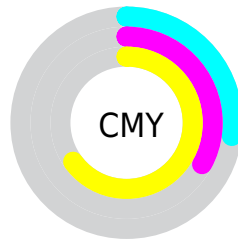
- Red (73%)
- Green (67%)
- Blue (35%)



- Red (44%)
- Yellow (73%)
- Blue (35%)



- Cyan (0%)
- Magenta (9%)
- Yellow (52%)
- Black (27%)



- Cyan (27%)
- Magenta (33%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBAA5A 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 BBAA5A by changing the saturation by 10% instead.



 BBAA5A

 BBAA5A

FFFFFF

 9F9041

 F5E18E

 847628

 FFFEA9

 695E0D

 FFFFC5

 4F4600

 FFFFFE1

 363000

FFFFFFE

 1D1C00

 000000

 BBAA5A

 BBAA5A

 BBA747

 BBAD6D

 BBA335

 BBB17F

 BBA022

 BBB492

 BB9D0F

 BBB7A5

 BB9A00

 BBBAB8

 BBBECA

 BBC1DD

 BBC4F0

 BBC7FF

# Harmonies

## Analogous

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



DC9C63



BBA5A



91B568

# Triad

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



BBA5A



00BDD7



E18FCB

# Complementary

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



BBA5A



5A6BB

# 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.



B89DE9



BBA5A



10B6F1

# Square

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



BBA5A



00BEB0



7AABF8



F48AA3

# Rectangle

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



BBA5A



71BA7C



7AABF8



D693D6



# Sweetspot

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



BBA5A



F2EBCB



BB5A6C



7A7663



FAFAFA



7A7A7A



# Same Dimension

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



BBA5A



F2D85C



9CBB5A



5E5D55



9E8200



1F1900



# Inverse Universe

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



5A6BBB



5C76F2



795ABB



55575E



001C9E



00051F



# Previews

## White Background



This preview shows how the Hex color BBAA5A looks on a white background.

## Color Contrast Check

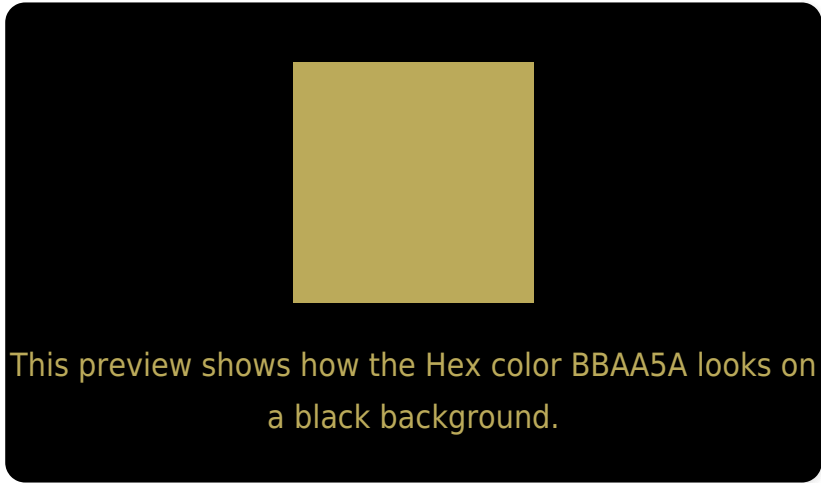
Large Text (above 18pt) WCAG AA × Fail

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

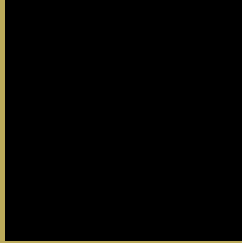
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBAA5A Background



This preview shows how black text looks on a background with the Hex color BBAA5A.

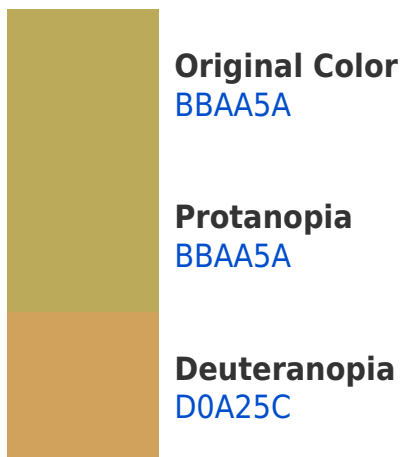


This preview shows how white text looks on a background with the Hex color BBAA5A.

# 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](#).

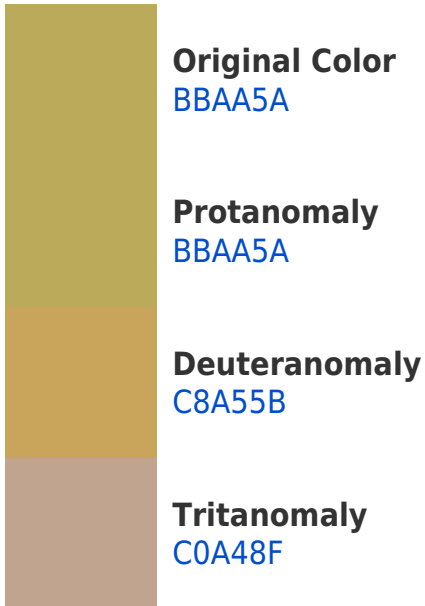
## Dichromacy





**Tritanopia**  
C3A1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBAA5A 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 #BBAA5A looks like.

```
.text, #text, p{  
    color:#BBAA5A  
}
```

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 #BBAA5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBAA5A
}
```

## Border

The CSS property to change the border of an element to Hex BBAA5A 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
#BBAA5A }
```

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

```
.border{ border-color:#BBAA5A }
```

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

Here you see how a box with a 4 pixel #BBAA5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBAA5A; -webkit-box-shadow:4px 4px  
4px 4px #BBAA5A; box-shadow:4px 4px 4px  
4px #BBAA5A }
```

# Background

The CSS property to change the background color of an element to Hex BBAA5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBAA5A }
```

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

```
.background{ background-color:#BBAA5A }
```

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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