

# Converting Colors

Hex(BBAA5C)

Have a look what the booklet for  
Hex(BBAA5C) contains.

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# **Color**

**Hex(BBAA5C)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | BBA5C                       |
| RGB         | 187, 170, 92                |
| RGB Percent | 73%, 67%, 36%               |
| CMY         | 0.2667, 0.3333, 0.6392      |
| CMYK        | 0.00, 0.09, 0.51, 0.27      |
| HSL         | 49°, 41%, 55%               |
| HSV         | 49°, 51%, 73%               |
| XYZ         | 36.8000, 40.0870, 15.9232   |
| YIQ         | 166.1910, 35.1700, -20.6540 |

# Conversions

## Conversions Part 2

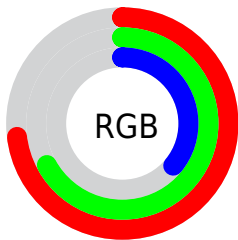
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">113, 187, 92</a>                                 |
| Decimal                             | <a href="#">12298844</a>                                     |
| <a href="#">CIELab</a>              | <a href="#">69.53, -4.25, 42.10</a>                          |
| <a href="#">CIElCh</a>              | <a href="#">70, 42.311, 95.760</a>                           |
| <a href="#">Yxy</a>                 | <a href="#">40.0870, 0.3965,<br/>0.4319</a>                  |
| Android<br>(android.graphics.Color) | <a href="#">4290488924</a><br>( <a href="#">0xFFBBAA5C</a> ) |
| <a href="#">YUV</a>                 | <a href="#">166.1910, -36.5762,<br/>18.2495</a>              |
| <a href="#">Hunter-Lab</a>          | <a href="#">63.3143, -7.0508,<br/>29.4089</a>                |

# Details

The Hex color **BBAA5C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5C6DBB**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **F5E190**, and **84762A** is the 20% darker color. If you saturate the color by 10%, you get **BBA749**, and if you desaturate by 10%, it is **BBAD6F**.

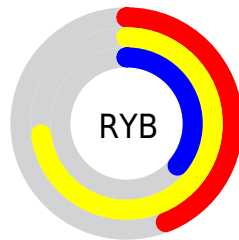
# Distribution



Red (73%)

Green (67%)

Blue (36%)



Red (44%)

Yellow (73%)

Blue (36%)

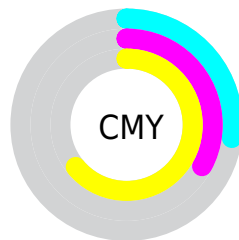


Cyan (0%)

Magenta (9%)

Yellow (51%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBAA5C 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 BBAA5C by changing the saturation by 10% instead.



 BBAA5C

 BBAA5C

FFFFFF

 9F9043

 F5E190

 84762A

 FFFEAB

 695E10

 FFFFC7

 4F4600

 FFFF E3

 363000

 1E1B00

 000000

 BBAA5C

 BBAA5C

 BBA749

 BBAD6F

 BBA337

 BBB181

 BBA024

 BBB494

 BB9D11

 BBB7A7

 BB9A00

 BBBBBA

 BBBECC

 BBC1DF

 BBC5F2

 BBC8FF

# Harmonies

## Analogous

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



DC9D64



BBA5C



92B56A

# Triad

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



BBA5C



00BCD5



E090CA

# Complementary

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



BBA5C



5C6DBB

# 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.



B79DE8



BBA5C



21B6EF

# Square

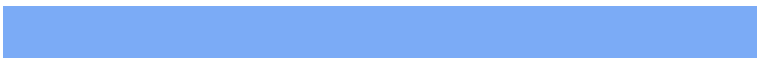
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BBA5C



10BE0



7B6F



F38A4

# Rectangle

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



BBA5C



73BA7D



7BABF6



D594D5



# Sweetspot

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



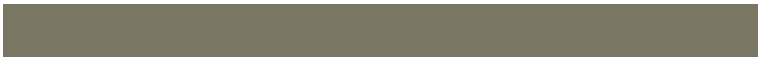
BBA5C



F2ECCE



BB5C6D



7A7664



FAFAFA



7A7A7A



# Same Dimension

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



BBA5C



F2D85E



9DBB5C



5E5D55



9E8200



1F1900



# Inverse Universe

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



5C6DBB



5E79F2



7A5CBB



55575E



001C9E



00051F



# Previews

## White Background



This preview shows how the Hex color BBAA5C looks on a white background.

## Color Contrast Check

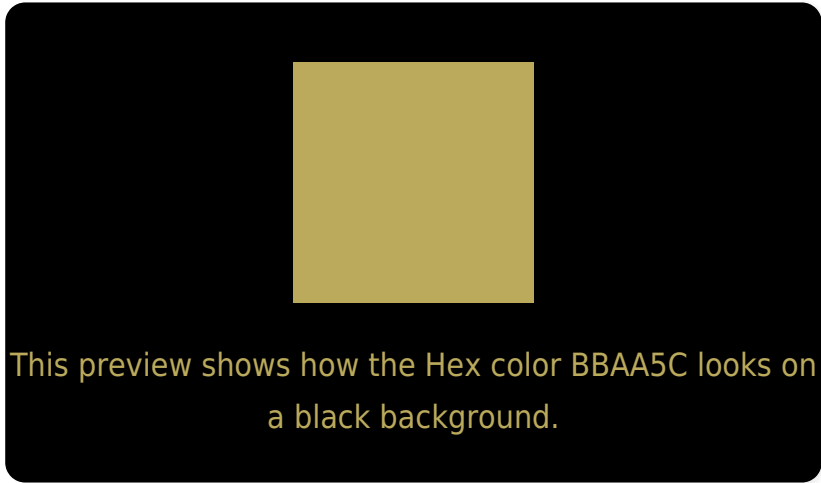
Large Text (above 18pt) WCAG AA × Fail

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

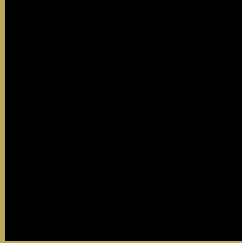
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBA5C Background



This preview shows how black text looks on a background with the Hex color BBA5C.



This preview shows how white text looks on a background with the Hex color BBA5C.

# 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**  
BBAA5C

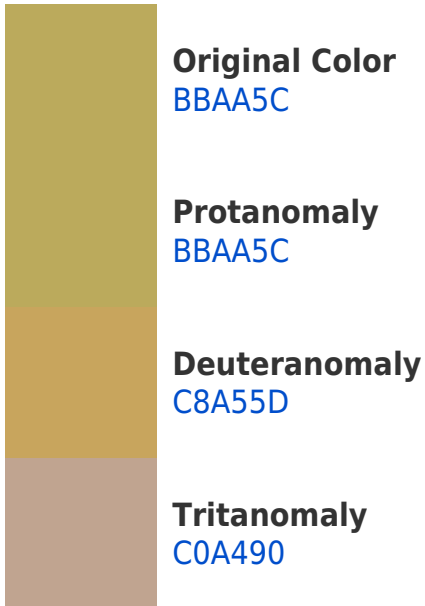
**Protanopia**  
BBAA5C

**Deuteranopia**  
D0A25E

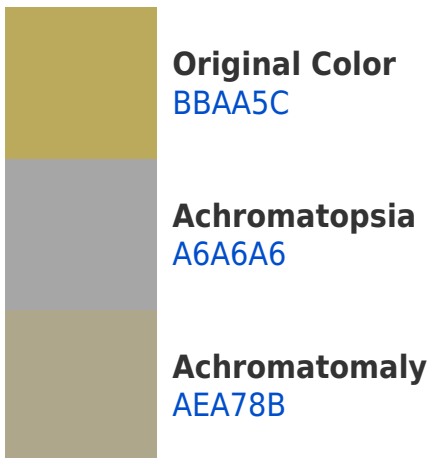


**Tritanopia**  
C3A1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBAA5C 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 #BBAA5C looks like.

```
.text, #text, p{  
    color:#BBAA5C  
}
```

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 #BBAA5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBAA5C
}
```

## Border

The CSS property to change the border of an element to Hex BBAA5C 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
#BBAA5C }
```

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

```
.border{ border-color:#BBAA5C }
```

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

Here you see how a box with a 4 pixel #BBAA5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBAA5C; -webkit-box-shadow:4px 4px  
4px 4px #BBAA5C; box-shadow:4px 4px 4px  
4px #BBAA5C }
```

# Background

The CSS property to change the background color of an element to Hex BBAA5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBAA5C }
```

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

```
.background{ background-color:#BBAA5C }
```

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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