

# Converting Colors

Hex(BCB54B)

Have a look what the booklet for  
Hex(BCB54B) contains.

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**Color**

**Hex(BCB54B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB54B
RGB	188, 181, 75
RGB Percent	74%, 71%, 29%
CMY	0.2627, 0.2902, 0.7059
CMYK	0.00, 0.04, 0.60, 0.26
HSL	56°, 46%, 52%
HSV	56°, 60%, 74%
XYZ	38.5329, 44.2471, 13.1663
YIQ	171.0090, 38.1980, -31.4820

# Conversions

## Conversions Part 2

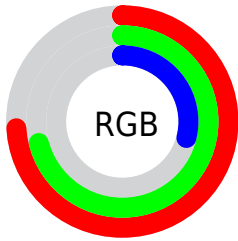
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	82, 188, 75
Decimal	12367179
CIE Lab	72.39, -10.95, 53.50
CIE LCh	72, 54.611, 101.566
Yxy	44.2471, 0.4016, 0.4612
Android (android.graphics.Color)	4290557259 (0xFFBCB54B)
YUV	171.0090, -47.3324, 14.9011
Hunter-Lab	66.5185, -13.0057, 34.8275

# Details

The Hex color **BCB54B** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4B52BC**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **F6ED80**, and **848013** is the 20% darker color. If you saturate the color by 10%, you get **BCB438**, and if you desaturate by 10%, it is **BCB65E**.

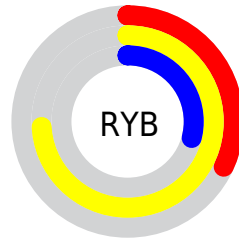
# Distribution



Red (74%)

Green (71%)

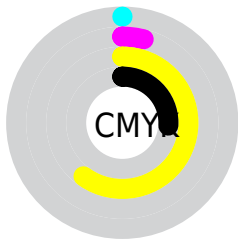
Blue (29%)



Red (32%)

Yellow (74%)

Blue (29%)

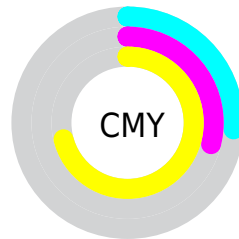


Cyan (0%)

Magenta (4%)

Yellow (60%)

Black (26%)



Cyan (26%)

Magenta (29%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB54B 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 BCB54B by changing the saturation by 10% instead.





BCB54B



BCB54B

FFFFFF



A09A31



F6ED80



848013



FFF99B



696800



FFF9B7



4F5000



FFF9D3



353900



FFF9F0



1C2400



000F00



000000



BCB54B



BCB54B

 BCB438

 BCB65E

 BCB325

 BCB771

 BCB213

 BCB883

 BCB000

 BCBA96

 BCBBA9

 BCBCBC

 BCBDCF

 BCBEE1

 BCBFF4

# Harmonies

## Analogous

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



E8A451



BCB54B



85C164

# Triad

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



BCB54B



00C8F2



FD8CD2

# Complementary

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



BCB54B



4B52BC

# 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.



CE9DFD



BCB54B



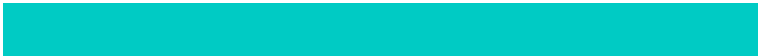
00BFFF

# Square

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



BCB54B



00CBC4



7FB0FF



FF87A0

# Rectangle

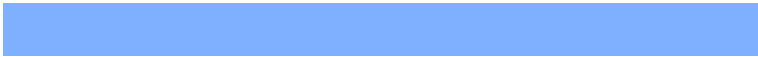
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BCB54B



56C780



7FB0FF



F190E2



# Sweetspot

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



BCB54B



F5F2C9



BC4B53



7A795F



FAFAFA



7A7A7A



# Same Dimension

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



BCB54B



F5EA45



8BBC4B



5E5E55



9E9400



1F1D00



# Inverse Universe

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



4B52BC



454FF5



7C4BBC



55555E



000A9E



00021F



# Previews

## White Background



This preview shows how the Hex color BCB54B looks on a white background.

## Color Contrast Check

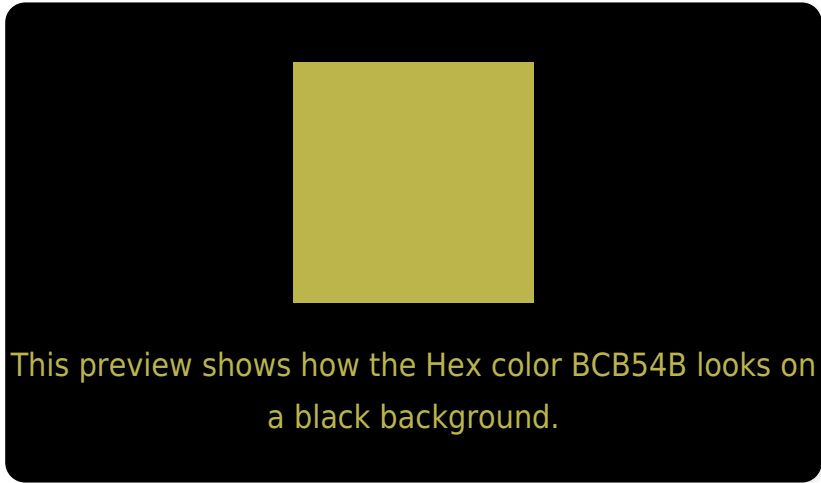
Large Text (above 18pt) WCAG AA × Fail

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 BCB54B Background



This preview shows how black text looks on a background with the Hex color BCB54B.



This preview shows how white text looks on a background with the Hex color BCB54B.

# 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**  
BCB54B

**Protanopia**  
C6B24A

**Deuteranopia**  
DCA94E



**Tritanopia**  
C6AAB7

# Trichromacy



**Original Color**  
BCB54B

**Protanomaly**  
C2B34A

**Deuteranomaly**  
D0AD4D

**Tritanomaly**  
C2AE90

# Monochromacy



**Original Color**  
BCB54B

**Achromatopsia**  
ABABAB

**Achromatomaly**  
B1AF88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB54B 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 #BCB54B looks like.

```
.text, #text, p{  
    color:#BCB54B  
}
```

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 #BCB54B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB54B
}
```

## Border

The CSS property to change the border of an element to Hex BCB54B 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
#BCB54B }
```

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

```
.border{ border-color:#BCB54B }
```

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

Here you see how a box with a 4 pixel #BCB54B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB54B; -webkit-box-shadow:4px 4px  
4px 4px #BCB54B; box-shadow:4px 4px 4px  
4px #BCB54B }
```

# Background

The CSS property to change the background color of an element to Hex BCB54B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB54B }
```

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

```
.background{ background-color:#BCB54B }
```

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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