

# Converting Colors

Hex(BCB248)

Have a look what the booklet for  
Hex(BCB248) contains.

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**Color**

**Hex(BCB248)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB248
RGB	188, 178, 72
RGB Percent	74%, 70%, 28%
CMY	0.2627, 0.3020, 0.7176
CMYK	0.00, 0.05, 0.62, 0.26
HSL	55°, 46%, 51%
HSV	55°, 62%, 74%
XYZ	37.8291, 43.0000, 12.4369
YIQ	168.9060, 39.9860, -30.8460

# Conversions

## Conversions Part 2

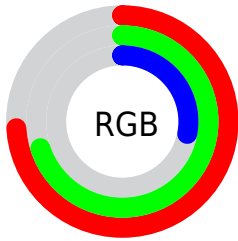
Format	Color
R <sub>Y</sub> B	83, 188, 72
Decimal	12366408
CIE Lab	71.55, -9.60, 53.92
CIE LCh	72, 54.766, 100.098
Yxy	43.0000, 0.4056, 0.4610
Android (android.graphics.Color)	4290556488 (0xFFBCB248)
YUV	168.9060, -47.7747, 16.7454
Hunter-Lab	65.5744, -11.7806, 34.6571

# Details

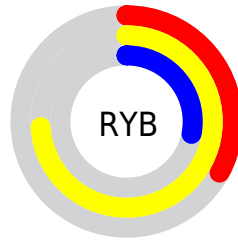
The Hex color **BCB248** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4852BC**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **F7E97D**, and **847E0E** is the 20% darker color. If you saturate the color by 10%, you get **BCB035**, and if you desaturate by 10%, it is **BCB45B**.

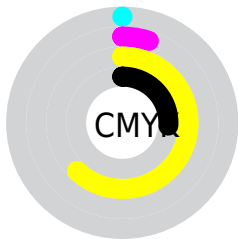
# Distribution



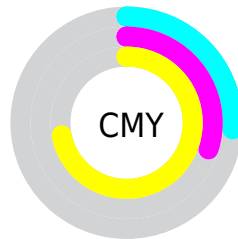
- Red (74%)
- Green (70%)
- Blue (28%)



- Red (33%)
- Yellow (74%)
- Blue (28%)



- Cyan (0%)
- Magenta (5%)
- Yellow (62%)
- Black (26%)



- Cyan (26%)
- Magenta (30%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB248 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 BCB248 by changing the saturation by 10% instead.



 BCB248

 BCB248

FFFFFF

 A0972D

 F7E97D

 847E0E

 FFFF98

 696500

 FFFFB4

 4F4D00

 FFFF00

 343700

 FFFF66

 1C2100

 000B00

 000000

 BCB248

 BCB248

 BCB035

 BCB45B

 BCAF22

 BCB56E

 BCAD10

 BCB780

 BCAC00

 BCB893

 BCBAA6

 BCBCB9

 BCBDCD

 BCBFDE

 BCC1F1

# Harmonies

## Analogous

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



E7A150



BCB248



86BF60

# Triad

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



BCB248



00C6EE



FA8AD2

# Complementary

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



BCB248



4852BC

# 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.



C99BFC



BCB248



00BEFF

# Square

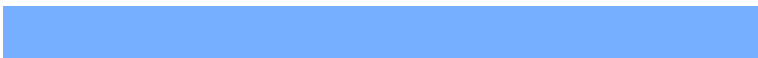
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BCB248



00C8BF



77AFFF



FF84A0

# Rectangle

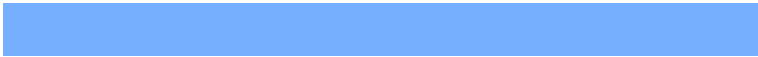
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BCB248



57C47B



77AFFF



ED8FE2

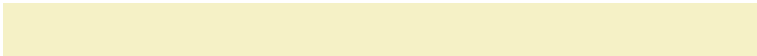


# Sweetspot

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



BCB248



F5F1C6



BC4854



7A785E



FAFAFA



7A7A7A



# Same Dimension

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



BCB248



F5E540



8EBC48



5E5E55



9E9000



1F1C00



# Inverse Universe

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



4852BC



404FF5



7648BC



55565E



000E9E



00031F



# Previews

## White Background



This preview shows how the Hex color BCB248 looks on a white background.

## Color Contrast Check

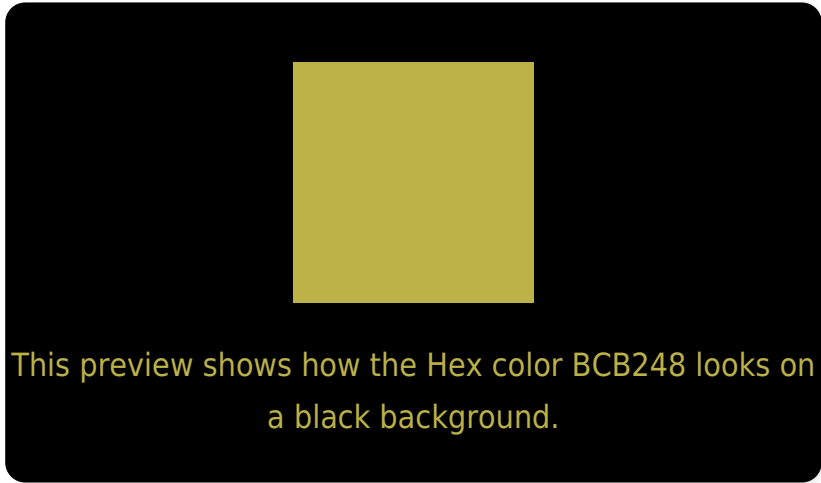
Large Text (above 18pt) WCAG AA × Fail

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 BCB248 Background



This preview shows how black text looks on a background with the Hex color BCB248.



This preview shows how white text looks on a background with the Hex color BCB248.

# 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**  
BCB248

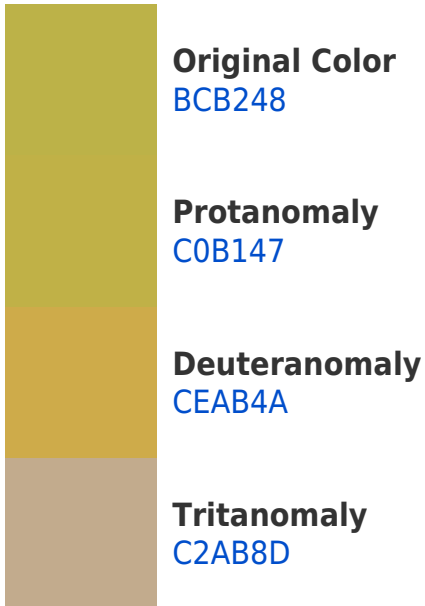
**Protanopia**  
C3B047

**Deuteranopia**  
D9A74B

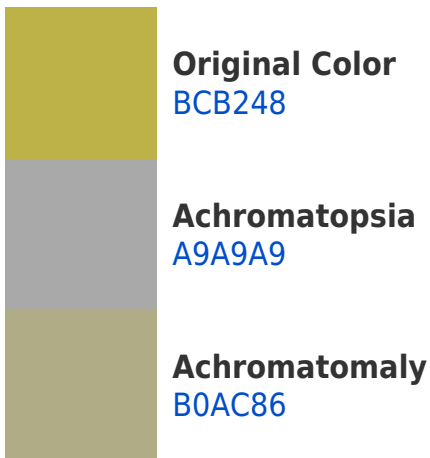


**Tritanopia**  
C6A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB248 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 #BCB248 looks like.

```
.text, #text, p{  
    color:#BCB248  
}
```

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 #BCB248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB248
}
```

## Border

The CSS property to change the border of an element to Hex BCB248 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
#BCB248 }
```

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

```
.border{ border-color:#BCB248 }
```

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

Here you see how a box with a 4 pixel #BCB248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB248; -webkit-box-shadow:4px 4px  
4px 4px #BCB248; box-shadow:4px 4px 4px  
4px #BCB248 }
```

# Background

The CSS property to change the background color of an element to Hex BCB248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB248 }
```

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

```
.background{ background-color:#BCB248 }
```

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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