

# Converting Colors

Hex(BCB743)

Have a look what the booklet for  
Hex(BCB743) contains.

<b>Hex(BCB743)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(BCB743)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB743
RGB	188, 183, 67
RGB Percent	74%, 72%, 26%
CMY	0.2627, 0.2824, 0.7373
CMYK	0.00, 0.03, 0.64, 0.26
HSL	58°, 47%, 50%
HSV	58°, 64%, 74%
XYZ	38.6856, 44.9636, 11.9501
YIQ	171.2710, 40.2160, -35.0160

# Conversions

## Conversions Part 2

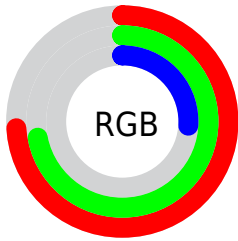
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 188, 67
Decimal	12367683
CIELab	72.87, -12.51, 57.46
CIELCh	73, 58.810, 102.279
Yxy	44.9636, 0.4047, 0.4703
Android (android.graphics.Color)	4290557763 (0xFFBCB743)
YUV	171.2710, -51.4056, 14.6713
Hunter-Lab	67.0549, -14.3650, 36.3722

# Details

The Hex color **BCB743** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4348BC**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **F7EF79**, and **848200** is the 20% darker color. If you saturate the color by 10%, you get **BCB630**, and if you desaturate by 10%, it is **BCB856**.

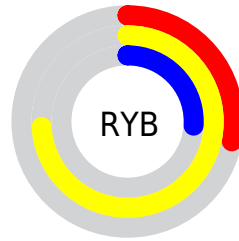
# Distribution



Red (74%)

Green (72%)

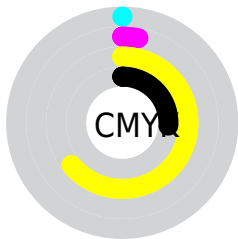
Blue (26%)



Red (28%)

Yellow (74%)

Blue (26%)

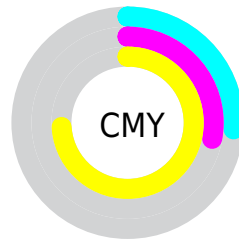


Cyan (0%)

Magenta (3%)

Yellow (64%)

Black (26%)



Cyan (26%)

Magenta (28%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB743 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 BCB743 by changing the saturation by 10% instead.




 BCB743

 BCB743

FFFFFF

 9F9C27

 F7EF79

 848200

 FFFF94

 686900

 FFFFAF

 4E5100

 FFFFCC

 343B00

 FFFFEE

 1B2500

 001200

 000000

 BCB743

 BCB743

 BCB630

 BCB856

 BCB51D

 BCB969

 BCB50B

 BCB97B

 BCB400

 BCBA8E

 BCBBA1

 BCBCB4

 BCBCC7

 BCBDD9

 BCBEEC

# Harmonies

## Analogous

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



ECA44A



BCB743



81C45F

# Triad

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



BCB743



00CBFA



FF88D5

# Complementary

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



BCB743



4348BC

# 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.



D39CFF



BCB743



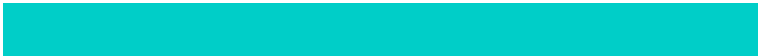
00C2FF

# Square

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



BCB743



00CEC8



7BB1FF



FF849F

# Rectangle

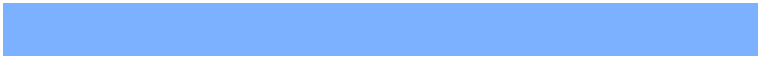
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BCB743



49CA7F



7BB1FF



F88EE6



# Sweetspot

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



BCB743



F5F3C6



BC4349



7A795E



FAFAFA



7A7A7A



# Same Dimension

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



BCB743



F5ED38



86BC43



5E5E55



9E9800



1F1D00



# Inverse Universe

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



4348BC



3840F5



7943BC



55555E



00079E



00011F



# Previews

## White Background



This preview shows how the Hex color BCB743 looks on a white background.

## Color Contrast Check

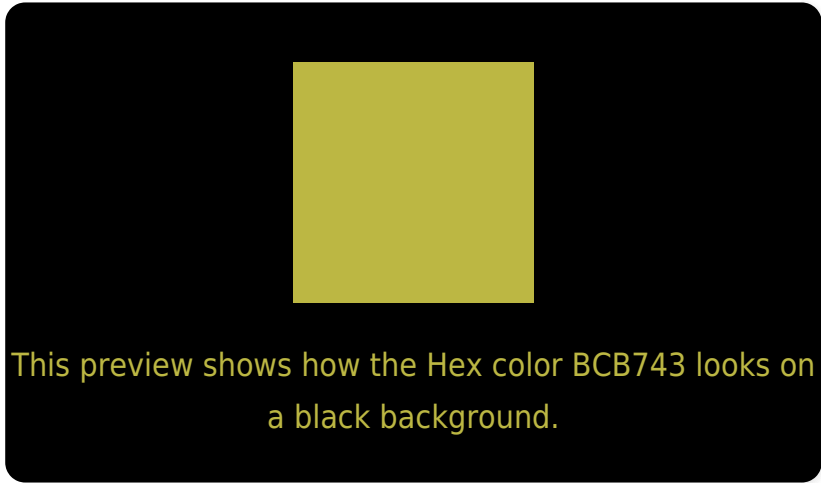
Large Text (above 18pt) WCAG AA × Fail

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 BCB743 Background



This preview shows how black text looks on a background with the Hex color BCB743.

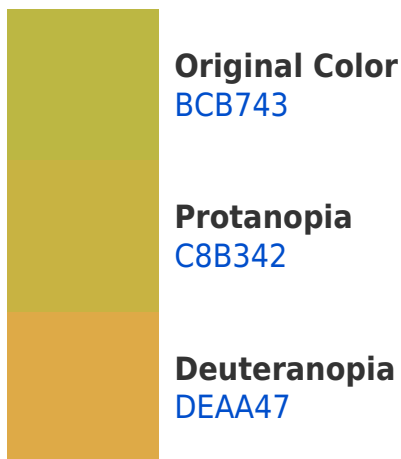


This preview shows how white text looks on a background with the Hex color BCB743.

# 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](#).

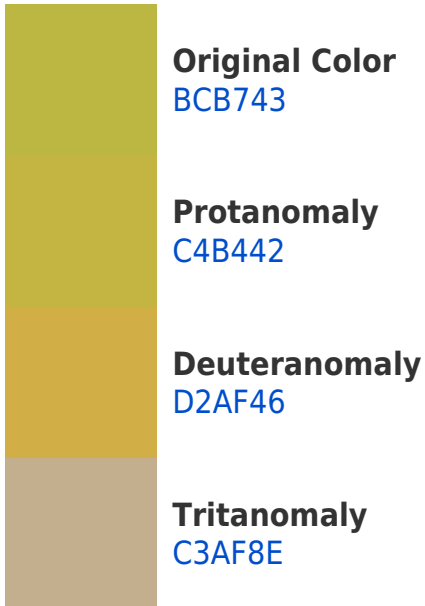
## Dichromacy





**Tritanopia**  
C7ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB743 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 #BCB743 looks like.

```
.text, #text, p{  
    color:#BCB743  
}
```

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 #BCB743 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB743
}
```

## Border

The CSS property to change the border of an element to Hex BCB743 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
#BCB743 }
```

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

```
.border{ border-color:#BCB743 }
```

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

Here you see how a box with a 4 pixel #BCB743 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB743; -webkit-box-shadow:4px 4px  
4px 4px #BCB743; box-shadow:4px 4px 4px  
4px #BCB743 }
```

# Background

The CSS property to change the background color of an element to Hex BCB743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB743 }
```

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

```
.background{ background-color:#BCB743 }
```

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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