

# Converting Colors

Hex(BCB878)

Have a look what the booklet for  
Hex(BCB878) contains.

<b>Hex(BCB878)</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(BCB878)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB878
RGB	188, 184, 120
RGB Percent	74%, 72%, 47%
CMY	0.2627, 0.2784, 0.5294
CMYK	0.00, 0.02, 0.36, 0.26
HSL	56°, 34%, 60%
HSV	56°, 36%, 74%
XYZ	41.2697, 46.3284, 24.5364
YIQ	177.9000, 22.9280, -19.0560

# Conversions

## Conversions Part 2

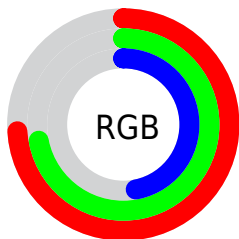
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 188, 120
Decimal	12367992
CIELab	73.76, -8.27, 33.05
CIELCh	74, 34.068, 104.050
Yxy	46.3284, 0.3680, 0.4132
Android (android.graphics.Color)	4290558072 (0xFFBCB878)
YUV	177.9000, -28.5447, 8.8577
Hunter-Lab	68.0650, -10.8842, 26.2723

# Details

The Hex color **BCB878** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **787CBC**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **F5F0AD**, and **868346** is the 20% darker color. If you saturate the color by 10%, you get **BCB765**, and if you desaturate by 10%, it is **BCB98B**.

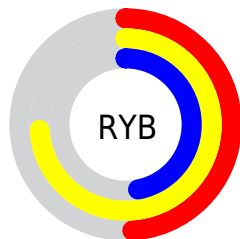
# Distribution



Red (74%)

Green (72%)

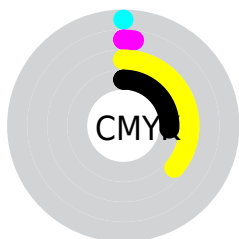
Blue (47%)



Red (49%)

Yellow (74%)

Blue (47%)

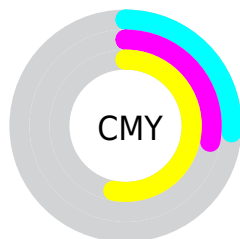


Cyan (0%)

Magenta (2%)

Yellow (36%)

Black (26%)



Cyan (26%)

Magenta (28%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB878 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 BCB878 by changing the saturation by 10% instead.





BCB878



BCB878

FFFFFF



A09D5F



F5F0AD



868346



FFFFC9



6B6A2F



FFFFE5



525217



3A3B00



232600



001200



000000



BCB878



BCB878

 BCB765

 BCB98B

 BCB652

 BCBA9E

 BCB540

 BCBBBB0

 BCB42D

 BCBCC3

 BCB21A

 BCBED6

 BCB107

 BCBFE9

 BCB100

 BCC0FC

 BCC1FF

 BCC2FF

# Harmonies

## Analogous

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



DAAE7A



BCB878



99C087

# Triad

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



BCB878



4DC4E0



E8A0C7

# Complementary

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



BCB878



787CBC

# 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.



CCA8E2



BCB878



71BDF1

# Square

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



BCB878



52C6C3



A1B3F2



F39EA8

# Rectangle

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



BCB878



80C499



A1B3F2



E1A2D1

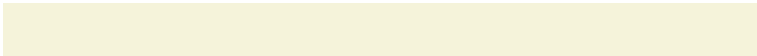


# Sweetspot

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



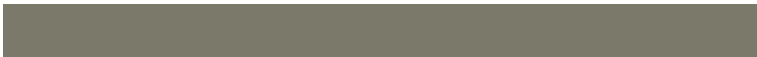
BCB878



F5F3DA



BC787D



7A796A



FAFAFA



7A7A7A

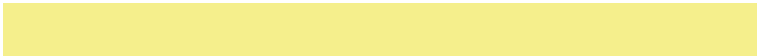


# Same Dimension

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



BCB878



F5EF8C



9FBC78



5E5E55



9E9500



1F1D00



# Inverse Universe

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



787CBC



8C92F5



9578BC



55555E



00099E



00021F



# Previews

## White Background



This preview shows how the Hex color BCB878 looks on a white background.

## Color Contrast Check

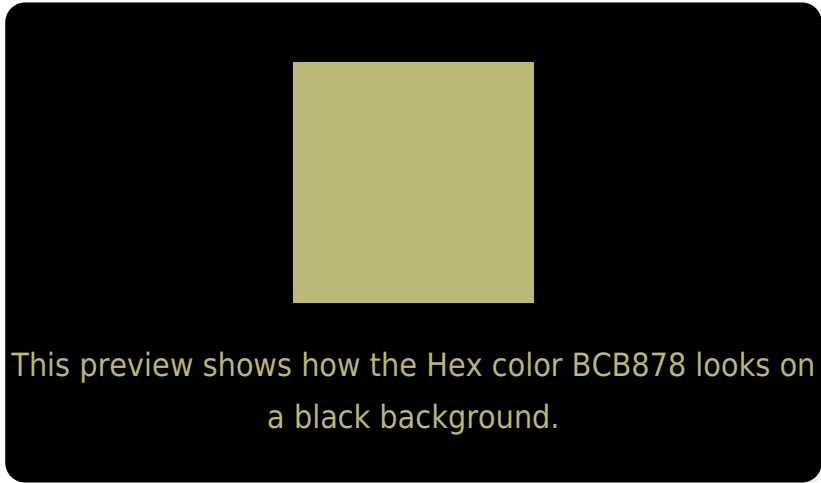
Large Text (above 18pt) WCAG AA × Fail

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 BCB878 Background



This preview shows how black text looks on a background with the Hex color BCB878.

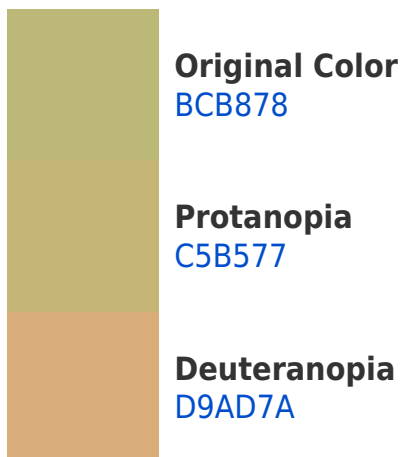


This preview shows how white text looks on a background with the Hex color BCB878.

# 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**  
C4AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB878 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 #BCB878 looks like.

```
.text, #text, p{  
    color:#BCB878  
}
```

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 #BCB878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB878
}
```

## Border

The CSS property to change the border of an element to Hex BCB878 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
#BCB878 }
```

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

```
.border{ border-color:#BCB878 }
```

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

Here you see how a box with a 4 pixel #BCB878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB878; -webkit-box-shadow:4px 4px  
4px 4px #BCB878; box-shadow:4px 4px 4px  
4px #BCB878 }
```

# Background

The CSS property to change the background color of an element to Hex BCB878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB878 }
```

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

```
.background{ background-color:#BCB878 }
```

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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