

# Converting Colors

Hex(BCB980)

Have a look what the booklet for  
Hex(BCB980) contains.

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# **Color**

**Hex(BCB980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB980
RGB	188, 185, 128
RGB Percent	74%, 73%, 50%
CMY	0.2627, 0.2745, 0.4980
CMYK	0.00, 0.02, 0.32, 0.26
HSL	57°, 31%, 62%
HSV	57°, 32%, 74%
XYZ	41.9843, 46.9478, 27.2711
YIQ	179.3990, 20.0850, -17.0910

# Conversions

## Conversions Part 2

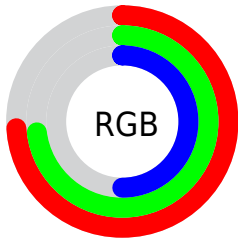
Format	Color
<a href="#">RYB</a>	<a href="#">131, 188, 128</a>
Decimal	<a href="#">12368256</a>
CIELab	<a href="#">74.16, -7.81, 29.37</a>
CIELCh	<a href="#">74, 30.394, 104.899</a>
Yxy	<a href="#">46.9478, 0.3613, 0.4040</a>
Android (android.graphics.Color)	<a href="#">4290558336</a> ( <a href="#">0xFFBCB980</a> )
YUV	<a href="#">179.3990, -25.3397, 7.5431</a>
Hunter-Lab	<a href="#">68.5185, -10.5325, 24.3649</a>

# Details

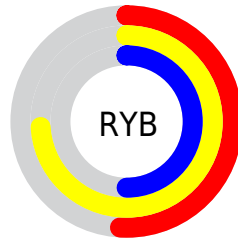
The Hex color **BCB980** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8083BC**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **F5F1B5**, and **86844E** is the 20% darker color. If you saturate the color by 10%, you get **BCB86D**, and if you desaturate by 10%, it is **BCBA93**.

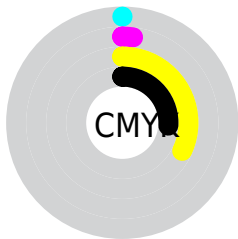
# Distribution



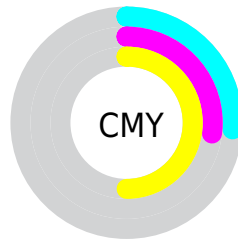
- Red (74%)
- Green (73%)
- Blue (50%)



- Red (51%)
- Yellow (74%)
- Blue (50%)



- Cyan (0%)
- Magenta (2%)
- Yellow (32%)
- Black (26%)



- Cyan (26%)
- Magenta (27%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB980 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 BCB980 by changing the saturation by 10% instead.



 BCB980

 BCB980

FFFFFF

 A19E67

 F5F1B5

 86844E

 FFFFD1

 6C6B36

 FFFFED

 535320

 3B3C08

 242600

 031200

 000000

 BCB980

 BCB980

 BCB86D

 BCBA93

 BCB75A

 BCBA6

 BCB648

 BCBCB8

 BCB535

 BCBD CB

 BCB422

 BCBEDE

 BCB30F

 BCBFF1

 BCB300

 BCC0FF

 BCC1FF

# Harmonies

## Analogous

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



D7B081



BCB980



9DC08E

# Triad

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



BCB980



62C3DD



E5A3C6

# Complementary

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



BCB980



8083BC

# 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.



CCAADE



BCB980



7EBDEC

# Square

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



BCB980



63C6C4



A7B4EC



EFA2A9

# Rectangle

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



BCB980



87C49E



A7B4EC



DEA5CF



# Sweetspot

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



BCB980



F5F4DC



BC8083



7A7A6C



FAFAFA



7A7A7A

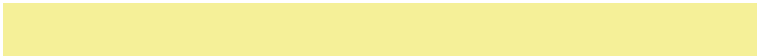


# Same Dimension

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



BCB980



F5F098



A2BC80



5E5E55



9E9600



1F1D00



# Inverse Universe

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



8083BC



989CF5



9B80BC



55555E



00089E

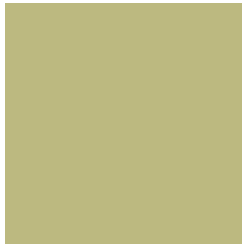


00021F



# Previews

## White Background



This preview shows how the Hex color BCB980 looks on a white background.

## Color Contrast Check

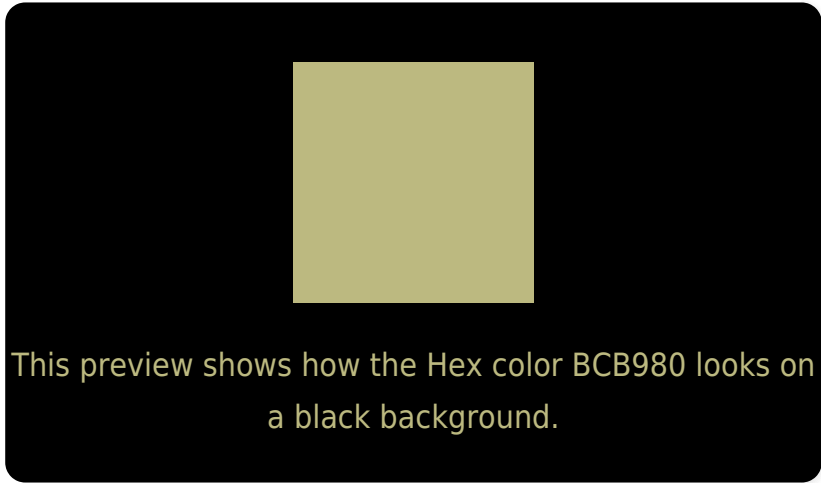
Large Text (above 18pt) WCAG AA × Fail

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

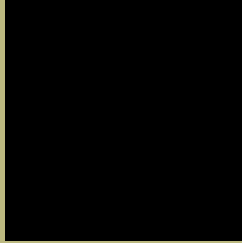
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

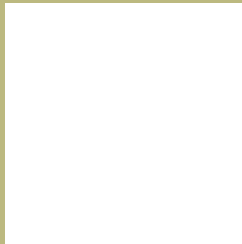
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCB980 Background



This preview shows how black text looks on a background with the Hex color BCB980.



This preview shows how white text looks on a background with the Hex color BCB980.

# 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](#).

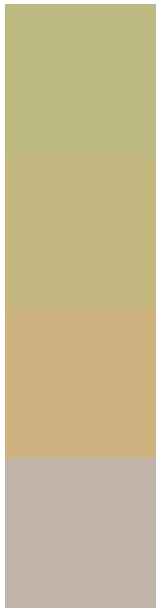
## Dichromacy





**Tritanopia**  
C4B1BF

# Trichromacy



**Original Color**  
BCB980

**Protanomaly**  
C2B77F

**Deuteranomaly**  
CEB381

**Tritanomaly**  
C1B4A8

# Monochromacy



**Original Color**  
BCB980

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
B6B5A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB980 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 #BCB980 looks like.

```
.text, #text, p{  
    color:#BCB980  
}
```

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 #BCB980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB980
}
```

## Border

The CSS property to change the border of an element to Hex BCB980 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
#BCB980 }
```

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

```
.border{ border-color:#BCB980 }
```

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

Here you see how a box with a 4 pixel #BCB980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB980; -webkit-box-shadow:4px 4px  
4px 4px #BCB980; box-shadow:4px 4px 4px  
4px #BCB980 }
```

# Background

The CSS property to change the background color of an element to Hex BCB980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB980 }
```

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

```
.background{ background-color:#BCB980 }
```

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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