

# Converting Colors

Hex(BCB8C4)

Have a look what the booklet for  
Hex(BCB8C4) contains.

<b>Hex(BCB8C4)</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(BCB8C4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BCB8C4
RGB	188, 184, 196
RGB Percent	74%, 72%, 77%
CMY	0.2627, 0.2784, 0.2314
CMYK	0.04, 0.06, 0.00, 0.23
HSL	260°, 9%, 75%
HSV	260°, 6%, 77%
XYZ	47.8433, 48.9579, 59.1528
YIQ	186.5640, -1.4680, 4.5800

# Conversions

## Conversions Part 2

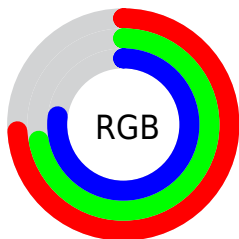
Format	Color
R <sub>Y</sub> B	188, 184, 196
Decimal	12368068
CIE Lab	75.43, 3.66, -5.56
CIE LCh	75, 6.662, 303.374
Yxy	48.9579, 0.3068, 0.3139
Android (android.graphics.Color)	4290558148 (0xFFBCB8C4)
YUV	186.5640, 4.6519, 1.2594
Hunter-Lab	69.9699, -0.3943, -1.1450

# Details

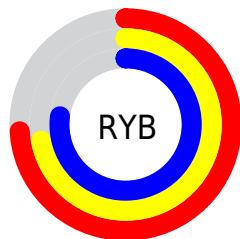
The Hex color **BCB8C4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C0C4B8**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F4F0FD**, and **87838E** is the 20% darker color. If you saturate the color by 10%, you get **AFA4C4**, and if you desaturate by 10%, it is **C9CCC4**.

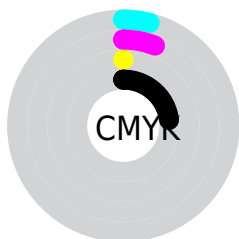
# Distribution



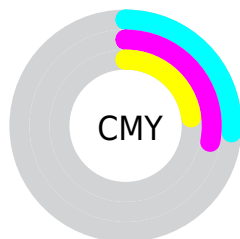
- Red (74%)
- Green (72%)
- Blue (77%)



- Red (74%)
- Yellow (72%)
- Blue (77%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (26%)
- Magenta (28%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB8C4 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 BCB8C4 by changing the saturation by 10% instead.



■ BCB8C4

■ BCB8C4

FFFFFF

■ A19DA9

■ F4F0FD

■ 87838E

■ 6D6A75

■ 55525C

■ 3E3B45

■ 28252E

■ 14101A

■ 000000

■ BCB8C4

■ BCB8C4

 AFA4C4

 C9CCC4

 A291C4

 D6DFC4

 957DC4

 E3F3C4

 886AC4

 F0FFC4

 7B56C4

 FDFFC4

 6E42C4

 FFFFC4

 612FC4

 531BC4

 4608C4

# Harmonies

## Analogous

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



B4BAC6



BCB8C4



C3B6BF

# Triad

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



BCB8C4



C4B8AF



ACBEBA

# Complementary

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



BCB8C4



C0C4B8

# 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.



**B1BDB4**



**BCB8C4**



**BEBAAE**

# Square

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



BCB8C4



C7B6B3



B7BBAF



ABBDC0

# Rectangle

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



BCB8C4



C6B6BB



B7BBAF



ADBDB8



# Sweetspot

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



BCB8C4



FCFAFF



B8C0C4



7E7D80



000000



808080



# Same Dimension

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



BCB8C4



F3EDFF



C2B8C4



5C5961



3600A1



0B0021



# Inverse Universe

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



C4B8C0



FFEDF9



BAC4B8



61595E



A1006B

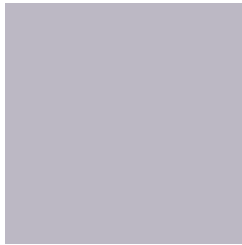


210016



# Previews

## White Background



This preview shows how the Hex color BCB8C4 looks on a white background.

## Color Contrast Check

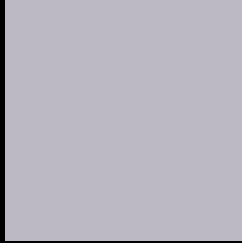
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BCB8C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

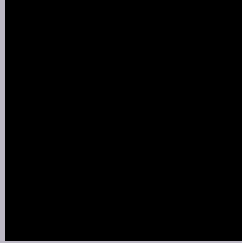
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCB8C4 Background



This preview shows how black text looks on a background with the Hex color BCB8C4.



This preview shows how white text looks on a background with the Hex color BCB8C4.

# 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**  
BCB8C6

# Trichromacy



**Original Color**  
BCB8C4

**Protanomaly**  
BBB9C4

**Deuteranomaly**  
C3B5C5

**Tritanomaly**  
BCB8C5

# Monochromacy



**Original Color**  
BCB8C4

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
BBBABE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB8C4 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 #BCB8C4 looks like.

```
.text, #text, p{  
    color:#BCB8C4  
}
```

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 #BCB8C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB8C4
}
```

## Border

The CSS property to change the border of an element to Hex BCB8C4 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
#BCB8C4 }
```

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

```
.border{ border-color:#BCB8C4 }
```

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

Here you see how a box with a 4 pixel #BCB8C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB8C4; -webkit-box-shadow:4px 4px  
4px 4px #BCB8C4; box-shadow:4px 4px 4px  
4px #BCB8C4 }
```

# Background

The CSS property to change the background color of an element to Hex BCB8C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB8C4 }
```

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

```
.background{ background-color:#BCB8C4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor