

Converting Colors

Hex(BCBBD4)

Have a look what the booklet for
Hex(BCBBD4) contains.

Hex(BCBBD4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BCBBD4)

Conversions

Conversions Part 1

Format	Color
Hex	BCBBD4
RGB	188, 187, 212
RGB Percent	74%, 73%, 83%
CMY	0.2627, 0.2667, 0.1686
CMYK	0.11, 0.12, 0.00, 0.17
HSL	242°, 23%, 78%
HSV	242°, 12%, 83%
XYZ	50.3930, 50.9855, 69.4725
YIQ	190.1490, -7.4290, 7.9870

Conversions

Conversions Part 2

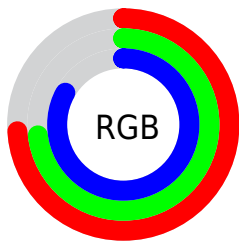
Format	Color
R _Y B	188, 187, 212
Decimal	12368852
CIE Lab	76.67, 5.24, -12.40
CIE LCh	77, 13.465, 292.909
Yxy	50.9855, 0.2950, 0.2984
Android (android.graphics.Color)	4290558932 (0xFFBCBBD4)
YUV	190.1490, 10.7725, -1.8847
Hunter-Lab	71.4041, 1.0181, -7.7032

Details

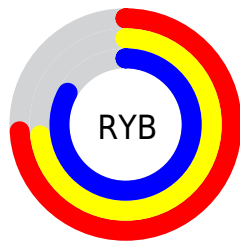
The Hex color **BCBBD4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D3D4BB**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **F4F3FF**, and **87869D** is the 20% darker color. If you saturate the color by 10%, you get **A8A6D4**, and if you desaturate by 10%, it is **D0D0D4**.

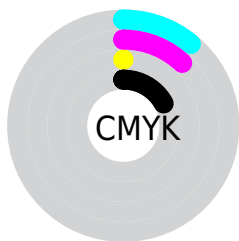
Distribution



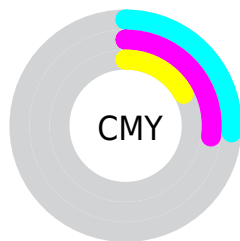
- Red (74%)
- Green (73%)
- Blue (83%)



- Red (74%)
- Yellow (73%)
- Blue (83%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (26%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCBBD4 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 BCBBD4 by changing the saturation by 10% instead.

■ BCBBD4

FFFFFF

■ F4F3FF

■ BCBBD4

■ A1A0B8

■ 87869D

■ 6D6D83

■ 55546A

■ 3D3D52

■ 27283B

■ 121325

■ 00010F

■ 000000

 BCBBD4

 BCBBD4

 A8A6D4

 D0D0D4

 9391D4

 E5E5D4

 7F7BD4

 F9FBD4

 6B66D4

 FFFFD4

 5651D4

 423CD4

 2E27D4

 1911D4

 0800D4

Harmonies

Analogous

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



ACBFD6



BCBBD4



CBB7CC

Triad

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



BCBBD4



D4B7AA



A3C4BA

Complementary

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



BCBBD4



D3D4BB

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.



AFC3AE



BCBBD4



CABBA5

Square

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



BCBBD4



D8B5B4



BDBFA6



9EC4C6

Rectangle

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



BCBBD4



D2B5C5



BDBFA6



A6C4B5

Sweetspot

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



BCBBD4



F5F5FF



BBD3D4



797980



000000



808080

Same Dimension

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



BCBBD4



DDDBFF



C8BBD4



61606B



0700AB



02002B

Inverse Universe

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



D4BBD3



FFDBFE



C7D4BB



6B606B



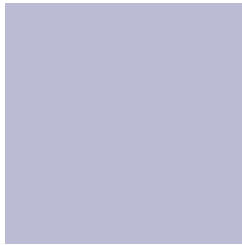
AB00A4



2B002A

Previews

White Background



This preview shows how the Hex color BCBBBD4 looks on a white background.

Color Contrast Check

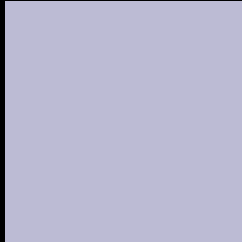
Large Text (above 18pt) WCAG AA × Fail

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 BCBBDD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

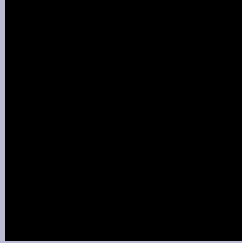
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

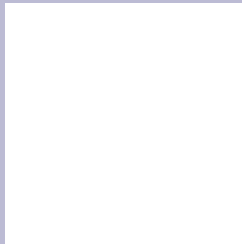
Any Text WCAG AAA ✓ Pass

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

Hex BCBBD4 Background



This preview shows how black text looks on a background with the Hex color BCBBD4.



This preview shows how white text looks on a background with the Hex color BCBBD4.

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
BCBBD4

Protanopia
BABCD4

Deuteranopia
C5B8D5

Trichromacy



Original Color
BCBBD4

Protanomaly
BBBCD4

Deuteranomaly
C2B9D5

Tritanomaly
BBBCCE

Monochromacy



Original Color
BCBBD4

Achromatopsia
BEBEBE

Achromatomaly
BDBDC6

CSS Examples

Text

The CSS property to change the color of the text to Hex BCBBD4 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 #BCBBD4 looks like.

```
.text, #text, p{  
    color:#BCBBD4  
}
```

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 #BCBBD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCBBD4
}
```

Border

The CSS property to change the border of an element to Hex BCBBD4 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
#BCBBD4 }
```

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

```
.border{ border-color:#BCBBD4 }
```

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

Here you see how a box with a 4 pixel #BCBBD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCBBD4; -webkit-box-shadow:4px 4px  
4px 4px #BCBBD4; box-shadow:4px 4px 4px  
4px #BCBBD4 }
```

Background

The CSS property to change the background color of an element to Hex BCBBD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCBBD4 }
```

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

```
.background{ background-color:#BCBBD4 }
```

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