

# Converting Colors

Hex(BBB4CD)

Have a look what the booklet for  
Hex(BBB4CD) contains.

<b>Hex(BBB4CD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(BBB4CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBB4CD
RGB	187, 180, 205
RGB Percent	73%, 71%, 80%
CMY	0.2667, 0.2941, 0.1961
CMYK	0.09, 0.12, 0.00, 0.20
HSL	257°, 20%, 75%
HSV	257°, 12%, 80%
XYZ	47.8342, 47.6151, 64.4271
YIQ	184.9430, -3.8530, 9.2590

# Conversions

## Conversions Part 2

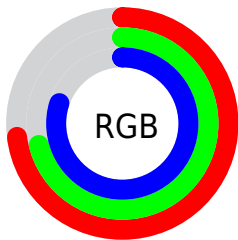
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 180, 205
Decimal	12301517
CIELab	74.58, 7.28, -11.73
CIELCh	75, 13.804, 301.808
Yxy	47.6151, 0.2992, 0.2978
Android (android.graphics.Color)	4290491597 (0xFFBBB4CD)
YUV	184.9430, 9.8881, 1.8040
Hunter-Lab	69.0037, 2.9820, -7.0551

# Details

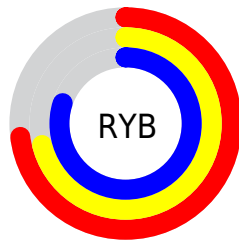
The Hex color **BBB4CD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C6CDB4**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F3ECFF**, and **867F97** is the 20% darker color. If you saturate the color by 10%, you get **ACA0CD**, and if you desaturate by 10%, it is **CAC9CD**.

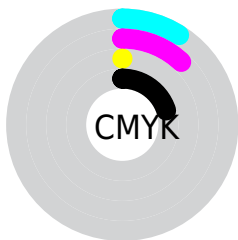
# Distribution



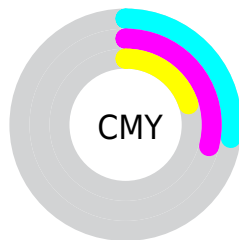
- Red (73%)
- Green (71%)
- Blue (80%)



- Red (73%)
- Yellow (71%)
- Blue (80%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (29%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBB4CD 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 BBB4CD by changing the saturation by 10% instead.



■ BBB4CD

■ BBB4CD

FFFFFF

■ A099B2

■ F3ECFF

■ 867F97

■ 6C667D

■ 544E64

■ 3D374C

■ 272235

■ 130C20

■ 000006

■ 000000

■ BBB4CD

■ BBB4CD

■ ACA0CD

■ CAC9CD

■ 9D8BCD

■ D9DDCD

■ 8F77CD

■ E7F2CD

■ 8062CD

■ F6FFCD

■ 714ECD

■ FFFFCD

■ 6239CD

■ 5425CD

■ 4510CD

■ 3900CD

# Harmonies

## Analogous

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



ABB8D1



BBB4CD



C9B0C4

# Triad

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



BBB4CD



CCB3A2



9ABFB8

# Complementary

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



BBB4CD



C6CDB4

# 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.



A5BEAB



BBB4CD



C1B79E

# Square

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



BBB4CD



D2B0AB



B3BBA2



97BEC4

# Rectangle

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



BBB4CD



CFAFBB



B3BBA2



9DBFB3



# Sweetspot

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



BBB4CD



F8F5FF



B4C6CD



7B7980



000000



808080



# Same Dimension

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



BBB4CD



E3D9FF



C7B4CD



5F5C66



2E00A6



0B0026



# Inverse Universe

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



CDB4C6



FFD9F4



BACDB4



665C63



A60077

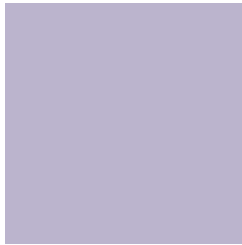


26001C



# Previews

## White Background



This preview shows how the Hex color BBB4CD looks on a white background.

## Color Contrast Check

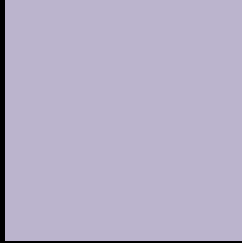
Large Text (above 18pt) WCAG AA × Fail

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 BBB4CD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

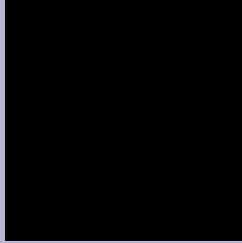
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

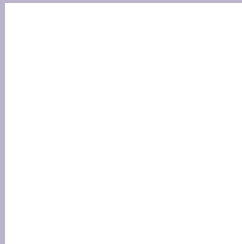
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBB4CD Background



This preview shows how black text looks on a background with the Hex color BBB4CD.



This preview shows how white text looks on a background with the Hex color BBB4CD.

# 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**  
BBB4CD

**Protanopia**  
B4B6CE

**Deuteranopia**  
BFB3CD



**Tritanopia**  
BAB6C4

# Trichromacy



**Original Color**  
BBB4CD

**Protanomaly**  
B7B5CE

**Deuteranomaly**  
BEB3CD

**Tritanomaly**  
BAB5C7

# Monochromacy



**Original Color**  
BBB4CD

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
BAB7C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBB4CD 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 #BBB4CD looks like.

```
.text, #text, p{  
    color:#BBB4CD  
}
```

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 #BBB4CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB4CD
}
```

## Border

The CSS property to change the border of an element to Hex BBB4CD 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
#BBB4CD }
```

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

```
.border{ border-color:#BBB4CD }
```

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

Here you see how a box with a 4 pixel #BBB4CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB4CD; -webkit-box-shadow:4px 4px  
4px 4px #BBB4CD; box-shadow:4px 4px 4px  
4px #BBB4CD }
```

# Background

The CSS property to change the background color of an element to Hex BBB4CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB4CD }
```

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

```
.background{ background-color:#BBB4CD }
```

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