

# Converting Colors

Hex(BBB7CC)

Have a look what the booklet for  
Hex(BBB7CC) contains.

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# **Color**

**Hex(BBB7CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBB7CC
RGB	187, 183, 204
RGB Percent	73%, 72%, 80%
CMY	0.2667, 0.2824, 0.2000
CMYK	0.08, 0.10, 0.00, 0.20
HSL	251°, 17%, 76%
HSV	251°, 10%, 80%
XYZ	48.3261, 48.7914, 63.9974
YIQ	186.5900, -4.3570, 7.3790

# Conversions

## Conversions Part 2

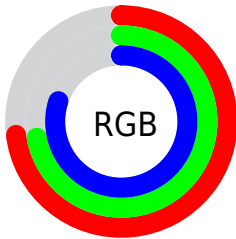
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	187, 183, 204
Decimal	12302284
CIE Lab	75.32, 5.45, -10.08
CIE LCh	75, 11.458, 298.375
Yxy	48.7914, 0.2999, 0.3028
Android (android.graphics.Color)	4290492364 (0xFFBBB7CC)
YUV	186.5900, 8.5831, 0.3596
Hunter-Lab	69.8508, 1.2557, -5.4259

# Details

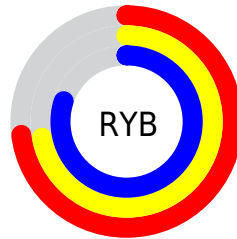
The Hex color **BBB7CC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C8CCB7**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F3EFFF**, and **868296** is the 20% darker color. If you saturate the color by 10%, you get **AAA3CC**, and if you desaturate by 10%, it is **CCCBCC**.

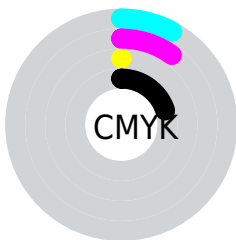
# Distribution



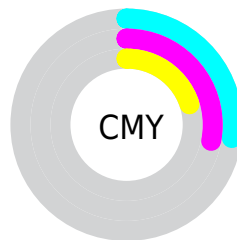
- Red (73%)
- Green (72%)
- Blue (80%)



- Red (73%)
- Yellow (72%)
- Blue (80%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (28%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBB7CC 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 BBB7CC by changing the saturation by 10% instead.



■ BBB7CC

■ BBB7CC

FFFFFF

■ A09CB1

■ F3EFFF

■ 868296

■ 6C697C

■ 545163

■ 3D3A4B

■ 272435

■ 130F1F

■ 000005

■ 000000

■ BBB7CC

■ BBB7CC

■ AAA3CC

■ CCCBCC

■ 9A8ECC

■ DCE0CC

■ 897ACC

■ EDF4CC

■ 7965CC

■ FDF FCC

■ 6851CC

■ FFFFCC

■ 583DCC

■ 4728CC

■ 3714CC

■ 2700CC

# Harmonies

## Analogous

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



AEBBCE



BBB7CC



C7B4C5

# Triad

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



BBB7CC



CCB5A8



A2C0B8

# Complementary

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



BBB7CC



C8CCB7

# 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.



ABBFAE



BBB7CC



C3B9A5

# Square

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



BBB7CC



D0B3B0



B7BCA7



9FBFC3

# Rectangle

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



BBB7CC



CDB3BE



B7BCA7



A5C0B5



# Sweetspot

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



BBB7CC



F9F7FF



B7C8CC



7B7A80



000000



808080



# Same Dimension

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



BBB7CC



E6E0FF



C5B7CC



5E5C66



2000A6



070026



# Inverse Universe

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



CCB7C8



FFE0F9



BECCB7



665C64



A60086

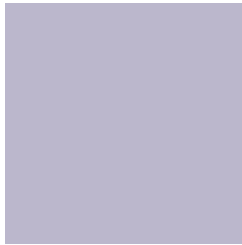


26001F



# Previews

## White Background



This preview shows how the Hex color BBB7CC looks on a white background.

## Color Contrast Check

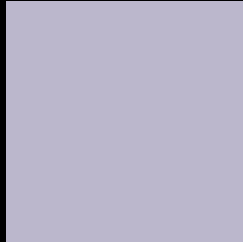
Large Text (above 18pt) WCAG AA × Fail

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 BBB7CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

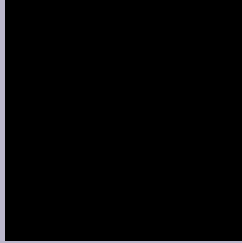
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

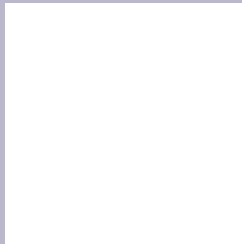
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBB7CC Background



This preview shows how black text looks on a background with the Hex color BBB7CC.



This preview shows how white text looks on a background with the Hex color BBB7CC.

# 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**  
BBB7CC

**Protanopia**  
B7B8CD

**Deuteranopia**  
C3B4CD



**Tritanopia**  
BAB8C6

# Trichromacy



**Original Color**  
BBB7CC

**Protanomaly**  
B8B8CD

**Deuteranomaly**  
C0B5CD

**Tritanomaly**  
BAB8C8

# Monochromacy



**Original Color**  
BBB7CC

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
BBBAC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBB7CC 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 #BBB7CC looks like.

```
.text, #text, p{  
    color:#BBB7CC  
}
```

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 #BBB7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB7CC }  
}
```

## Border

The CSS property to change the border of an element to Hex BBB7CC 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 #BBB7CC }  
}
```

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

```
.border{ border-color:#BBB7CC }
```

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

Here you see how a box with a 4 pixel #BBB7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB7CC; -webkit-box-shadow:4px 4px  
4px 4px #BBB7CC; box-shadow:4px 4px 4px  
4px #BBB7CC }
```

# Background

The CSS property to change the background color of an element to Hex BBB7CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB7CC }
```

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

```
.background{ background-color:#BBB7CC }
```

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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