

# Converting Colors

Hex(CBB4CD)

Have a look what the booklet for  
Hex(CBB4CD) contains.

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# **Color**

**Hex(CBB4CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBB4CD
RGB	203, 180, 205
RGB Percent	80%, 71%, 80%
CMY	0.2039, 0.2941, 0.1961
CMYK	0.01, 0.12, 0.00, 0.20
HSL	295°, 20%, 75%
HSV	295°, 12%, 80%
XYZ	51.9693, 49.7468, 64.6206
YIQ	189.7270, 5.6830, 12.6510

# Conversions

## Conversions Part 2

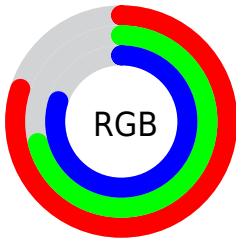
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 180, 205
Decimal	13350093
CIE <sub>Lab</sub>	75.91, 12.68, -9.60
CIE <sub>LCh</sub>	76, 15.905, 322.862
Yxy	49.7468, 0.3124, 0.2991
Android (android.graphics.Color)	4291540173 (0xFFCBB4CD)
YUV	189.7270, 7.5296, 11.6404
Hunter-Lab	70.5314, 8.0933, -4.9493

# Details

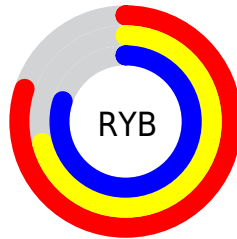
The Hex color **CBB4CD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B6CDB4**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFECFF**, and **957F97** is the 20% darker color. If you saturate the color by 10%, you get **C9A0CD**, and if you desaturate by 10%, it is **CDC9CD**.

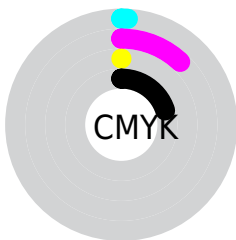
# Distribution



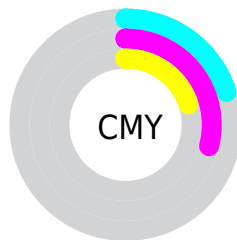
- Red (80%)
- Green (71%)
- Blue (80%)



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



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color CBB4CD 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 CBB4CD by changing the saturation by 10% instead.



 CBB4CD

FFFFFF

 FFECFF

 CBB4CD

 B099B2

 957F97

 7B667D

 624E64

 4A374C

 332235

 1E0C20

 000006

 000000

 CBB4CD

 CBB4CD

 C9A0CD

 CDC9CD

 C88BCD

 CEDDCD

 C677CD

 D0F2CD

 C462CD

 D2FFCD

 C34ECD

 D3FFCD

 C139CD

 D5FFCD

 C025CD

 D6FFCD

 BE10CD

 D8FFCD

 BD00CD

 DAFFCD

# Harmonies

## Analogous

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



BAB9D6



CBB4CD



D7B1BF

# Triad

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



CBB4CD



CAB99E



95C4C6

# Complementary

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



CBB4CD



B6CDB4

# 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.



9CC4B7



CBB4CD



BBBEA0

# Square

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



CBB4CD



D6B4A4



AAC1A9



99C1D2

# Rectangle

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



CBB4CD



DAB1B5



AAC1A9



96C4C1



# Sweetspot

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



CBB4CD



FEF5FF



B4B6CD



7F7980



000000



808080



# Same Dimension

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



CBB4CD



FCD9FF



CDB4C3



655C66



9800A6



230026



# Inverse Universe

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



CDB4B6



FFD9DC



B4CDBE



665C5D



A6000D

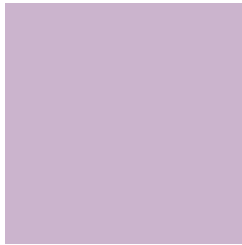


260003



# Previews

## White Background



This preview shows how the Hex color CBB4CD looks on a white background.

## Color Contrast Check

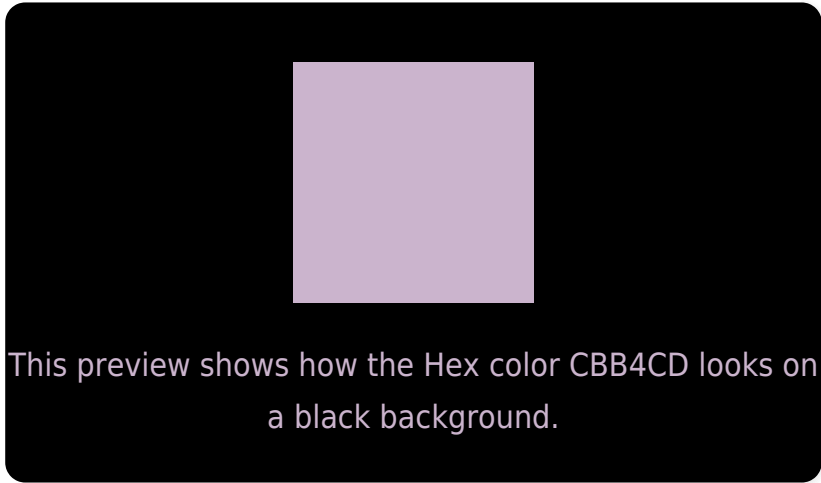
Large Text (above 18pt) WCAG AA × Fail

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

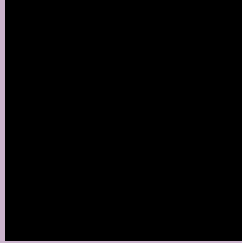
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBB4CD Background



This preview shows how black text looks on a background with the Hex color CBB4CD.



This preview shows how white text looks on a background with the Hex color CBB4CD.

# 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**  
CBB4CD

**Protanopia**  
B8BAD1

**Deuteranopia**  
C5B6CD



**Tritanopia**  
CAB6C4

# Trichromacy



**Original Color**  
CBB4CD

**Protanomaly**  
BFB8D0

**Deuteranomaly**  
C7B5CD

**Tritanomaly**  
CAB5C7

# Monochromacy



**Original Color**  
CBB4CD

**Achromatopsia**  
BEBEBE

**Achromatomaly**  
C3BAC3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBB4CD 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 #CBB4CD looks like.

```
.text, #text, p{  
    color:#CBB4CD  
}
```

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 #CBB4CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBB4CD
}
```

## Border

The CSS property to change the border of an element to Hex CBB4CD 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
#CBB4CD }
```

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

```
.border{ border-color:#CBB4CD }
```

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

Here you see how a box with a 4 pixel #CBB4CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBB4CD; -webkit-box-shadow:4px 4px  
4px 4px #CBB4CD; box-shadow:4px 4px 4px  
4px #CBB4CD }
```

# Background

The CSS property to change the background color of an element to Hex CBB4CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBB4CD }
```

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

```
.background{ background-color:#CBB4CD }
```

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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