

# Converting Colors

Hex(CBB2DC)

Have a look what the booklet for  
Hex(CBB2DC) contains.

<b>Hex(CBB2DC)</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(CBB2DC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBB2DC
RGB	203, 178, 220
RGB Percent	80%, 70%, 86%
CMY	0.2039, 0.3020, 0.1373
CMYK	0.08, 0.19, 0.00, 0.14
HSL	276°, 38%, 78%
HSV	276°, 19%, 86%
XYZ	53.4673, 49.7046, 74.4861
YIQ	190.2630, 1.4180, 18.3620

# Conversions

## Conversions Part 2

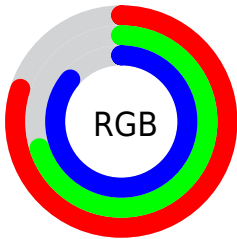
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 178, 220
Decimal	13349596
CIE <sub>Lab</sub>	75.89, 16.68, -17.80
CIE <sub>LCh</sub>	76, 24.394, 313.146
Yxy	49.7046, 0.3010, 0.2798
Android (android.graphics.Color)	4291539676 (0xFFCBB2DC)
YUV	190.2630, 14.6603, 11.1703
Hunter-Lab	70.5015, 11.9941, -13.2899

# Details

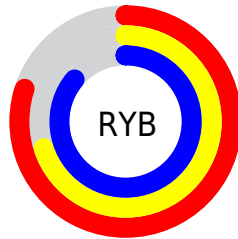
The Hex color **CBB2DC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **C3DCB2**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFEAFF**, and **957DA5** is the 20% darker color. If you saturate the color by 10%, you get **C29CDC**, and if you desaturate by 10%, it is **D4C8DC**.

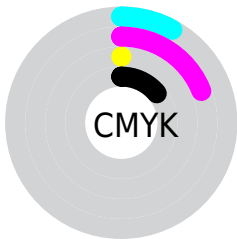
# Distribution



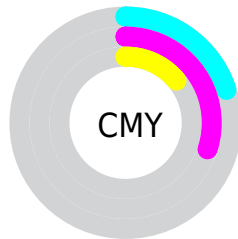
- Red (80%)
- Green (70%)
- Blue (86%)



- Red (80%)
- Yellow (70%)
- Blue (86%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (30%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBB2DC 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 CBB2DC by changing the saturation by 10% instead.



 CBB2DC

FFFFFF

 FFEAFF

 CBB2DC

 AF97C0

 957DA5

 7B648B

 614C71

 493558

 322041

 1D0A2B

 000116

 000000

 CBB2DC

 CBB2DC

 C29CDC

 D4C8DC

 B986DC

 DDEDC

 B070DC

 E6F4DC

 A75ADC

 EFFFDC

 9E44DC

 F8FFDC

 962EDC

 FFFFDC

 8D18DC

 8402DC

 8300DC

# Harmonies

## Analogous

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



AEBAE7



CBB2DC



E0ACC9

# Triad

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



CBB2DC



D8B590



7EC8C4

# Complementary

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



CBB2DC



C3DCB2

# 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.



8FC7AD



CBB2DC



C2BD8F

# Square

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



CBB2DC



E6AF9D



A8C39A



7DC6D9

# Rectangle

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



CBB2DC



E8ABB9



A8C39A



82C8BD



# Sweetspot

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



CBB2DC



F9F0FF



B2C4DC



7C7780



000000



808080



# Same Dimension

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



CBB2DC



E7C4FF



DCB2D9



69636E



6700AD



1B002E



# Inverse Universe

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



DCB2C3



FFC4DC



B2DCB5



6E6367



AD0046

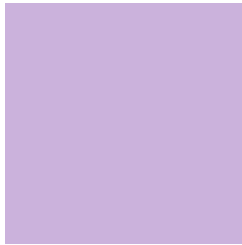


2E0013



# Previews

## White Background



This preview shows how the Hex color CBB2DC looks on a white background.

## Color Contrast Check

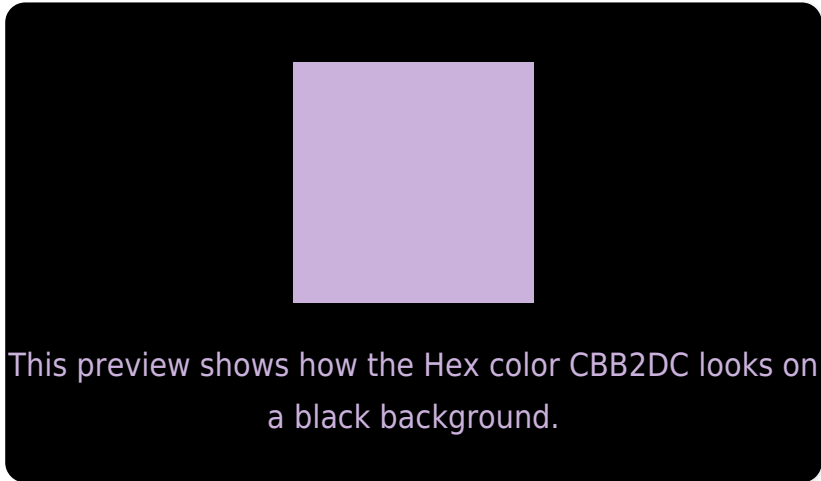
Large Text (above 18pt) WCAG AA × Fail

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

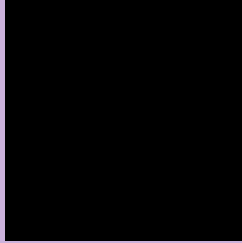
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBB2DC Background



This preview shows how black text looks on a background with the Hex color CBB2DC.

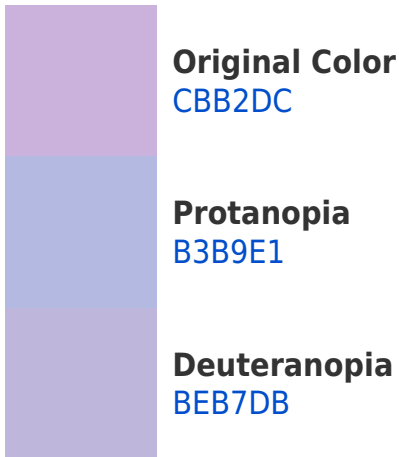


This preview shows how white text looks on a background with the Hex color CBB2DC.

# 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**  
C7B6C4

# Trichromacy



**Original Color**  
CBB2DC

**Protanomaly**  
BCB6DF

**Deuteranomaly**  
C3B5DB

**Tritanomaly**  
C8B5CD

# Monochromacy



**Original Color**  
CBB2DC

**Achromatopsia**  
BEBEBE

**Achromatomaly**  
C3BAC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBB2DC 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 #CBB2DC looks like.

```
.text, #text, p{  
    color:#CBB2DC  
}
```

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 #CBB2DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBB2DC  
}
```

## Border

The CSS property to change the border of an element to Hex CBB2DC 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  
#CBB2DC }
```

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

```
.border{ border-color:#CBB2DC }
```

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

Here you see how a box with a 4 pixel #CBB2DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBB2DC; -webkit-box-shadow:4px 4px  
4px 4px #CBB2DC; box-shadow:4px 4px 4px  
4px #CBB2DC }
```

# Background

The CSS property to change the background color of an element to Hex CBB2DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBB2DC }
```

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

```
.background{ background-color:#CBB2DC }
```

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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