

# Converting Colors

Hex(CCB5D7)

Have a look what the booklet for  
Hex(CCB5D7) contains.

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# **Color**

**Hex(CCB5D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCB5D7
RGB	204, 181, 215
RGB Percent	80%, 71%, 84%
CMY	0.2000, 0.2902, 0.1569
CMYK	0.05, 0.16, 0.00, 0.16
HSL	281°, 30%, 78%
HSV	281°, 16%, 84%
XYZ	53.6915, 50.7914, 71.2639
YIQ	191.7530, 2.7940, 15.4500

# Conversions

## Conversions Part 2

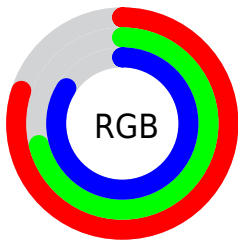
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 181, 215
Decimal	13415895
CIELab	76.55, 14.39, -14.07
CIELCh	77, 20.130, 315.642
Yxy	50.7914, 0.3055, 0.2890
Android (android.graphics.Color)	4291605975 (0xFFCCB5D7)
YUV	191.7530, 11.4608, 10.7406
Hunter-Lab	71.2681, 9.7579, -9.3988

# Details

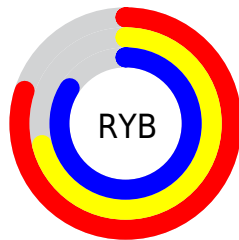
The Hex color **CCB5D7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **C0D7B5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFEDFF**, and **9680A0** is the 20% darker color. If you saturate the color by 10%, you get **C5A0D7**, and if you desaturate by 10%, it is **D3CBD7**.

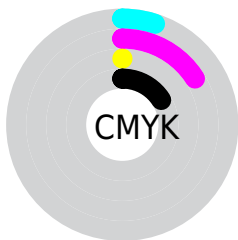
# Distribution



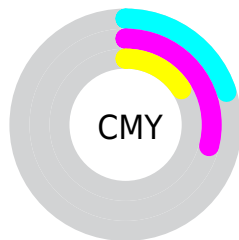
- Red (80%)
- Green (71%)
- Blue (84%)



- Red (80%)
- Yellow (71%)
- Blue (84%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (29%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCB5D7 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 CCB5D7 by changing the saturation by 10% instead.



 CCB5D7

FFFFFF

 FFEDFF

 CCB5D7

 B09ABB

 9680A0

 7C6786

 634F6D

 4B3854

 34223D

 1E0D27

 000112

 000000

 CCB5D7

 CCB5D7

 C5A0D7

 D3CBD7

 BE8AD7

 DAE0D7

 B775D7

 E1F6D7

 B05FD7

 E8FFD7

 A94AD7

 EFFF7D

 A234D7

 F6FFD7

 9B1ED7

 FDFFD7

 9409D7

 FFFF7D

 9100D7

# Harmonies

## Analogous

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



B5BBE0



CCB5D7



DDB1C7

# Triad

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



CCB5D7



D4B999



8CC8C6

# Complementary

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



CCB5D7



C0D7B5

# 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.



98C7B3



CCB5D7



C1BF99

# Square

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



CCB5D7



E0B3A3



ACC4A2



8DC6D7

# Rectangle

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



CCB5D7



E3B0BA



ACC4A2



8FC8C0



# Sweetspot

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



CCB5D7



FBF2FF



B5C0D7



7D7880



000000



808080



# Same Dimension

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



CCB5D7



EFCFFF



D7B5D1



68606B



7400AB



1D002B



# Inverse Universe

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



D7B5C0



FFCFDE



B5D7BB



6B6064



AB0037

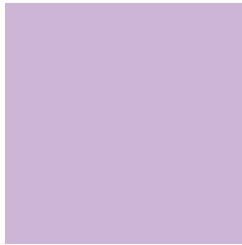


2B000E



# Previews

## White Background



This preview shows how the Hex color CCB5D7 looks on a white background.

## Color Contrast Check

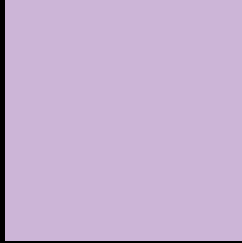
Large Text (above 18pt) WCAG AA × Fail

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 CCB5D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

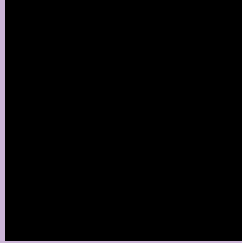
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCB5D7 Background



This preview shows how black text looks on a background with the Hex color CCB5D7.

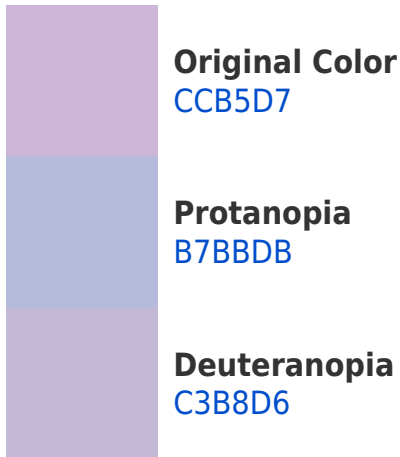


This preview shows how white text looks on a background with the Hex color CCB5D7.

# 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**  
C9B8C6

# Trichromacy



**Original Color**  
CCB5D7

**Protanomaly**  
BFB9DA

**Deuteranomaly**  
C6B7D6

**Tritanomaly**  
CAB7CC

# Monochromacy



**Original Color**  
CCB5D7

**Achromatopsia**  
C0C0C0

**Achromatomaly**  
C4BCC8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCB5D7 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 #CCB5D7 looks like.

```
.text, #text, p{  
    color:#CCB5D7  
}
```

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 #CCB5D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCB5D7
}
```

## Border

The CSS property to change the border of an element to Hex CCB5D7 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
#CCB5D7 }
```

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

```
.border{ border-color:#CCB5D7 }
```

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

Here you see how a box with a 4 pixel #CCB5D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCB5D7; -webkit-box-shadow:4px 4px  
4px 4px #CCB5D7; box-shadow:4px 4px 4px  
4px #CCB5D7 }
```

# Background

The CSS property to change the background color of an element to Hex CCB5D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCB5D7 }
```

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

```
.background{ background-color:#CCB5D7 }
```

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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