

# Converting Colors

Hex(C1B9DD)

Have a look what the booklet for  
Hex(C1B9DD) contains.

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# Color

**Hex(C1B9DD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1B9DD
RGB	193, 185, 221
RGB Percent	76%, 73%, 87%
CMY	0.2431, 0.2745, 0.1333
CMYK	0.13, 0.16, 0.00, 0.13
HSL	253°, 35%, 80%
HSV	253°, 16%, 87%
XYZ	52.3924, 51.2558, 75.5386
YIQ	191.4960, -6.7880, 12.8920

# Conversions

## Conversions Part 2

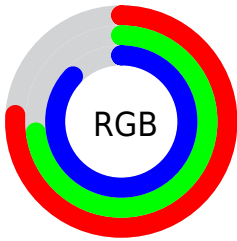
Format	Color
<b>RYB</b>	193, 185, 221
Decimal	12696029
CIELab	76.83, 9.82, -16.99
CIELCh	77, 19.626, 300.021
Yxy	51.2558, 0.2924, 0.2860
Android (android.graphics.Color)	4290886109 (0xFFC1B9DD)
YUV	191.4960, 14.5455, 1.3190
Hunter-Lab	71.5932, 5.3396, -12.4422

# Details

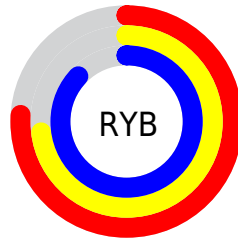
The Hex color **C1B9DD** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D5DDB9**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FAF1FF**, and **8B84A6** is the 20% darker color. If you saturate the color by 10%, you get **B0A3DD**, and if you desaturate by 10%, it is **D2CFDD**.

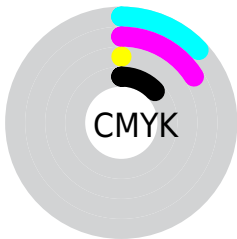
# Distribution



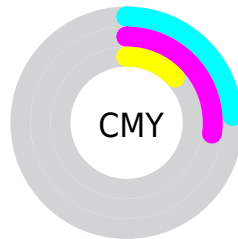
- Red (76%)
- Green (73%)
- Blue (87%)



- Red (76%)
- Yellow (73%)
- Blue (87%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (27%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1B9DD 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 C1B9DD by changing the saturation by 10% instead.



 C1B9DD

FFFFFF

 FAF1FF

 C1B9DD

 A69EC1

 8B84A6

 726B8B

 595372

 413C59

 2A2642

 15122C

 000117

 000000

 C1B9DD

 C1B9DD

 B0A3DD

 D2CFDD

 9F8DDD

 E3E5DD

 8D77DD

 F5FBDD

 7C61DD

 FFFFDD

 6B4BDD

 5A34DD

 491EDD

 3708DD

 3100DD

# Harmonies

## Analogous

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



A9BFE2



C1B9DD



D5B4D0

# Triad

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



C1B9DD



DBB69F



93C8BD

# Complementary

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



C1B9DD



D5DDB9

# 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.



A3C6AB



C1B9DD



CCBC9A

# Square

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



C1B9DD



E3B2AC



B8C29E



8DC8CF

# Rectangle

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



C1B9DD



DFB1C4



B8C29E



98C8B7



# Sweetspot

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



C1B9DD



F5F2FF



B9D5DD



7A7880



000000



808080



# Same Dimension

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



C1B9DD



D7CCFF



D3B9DD



65636E



2700AD



0A002E



# Inverse Universe

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



DDB9D5



FFCCF4



C3DDB9



6E636B



AD0087

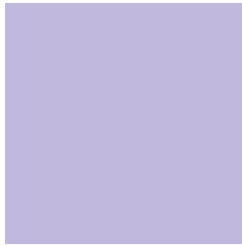


2E0024



# Previews

## White Background



This preview shows how the Hex color C1B9DD looks on a white background.

## Color Contrast Check

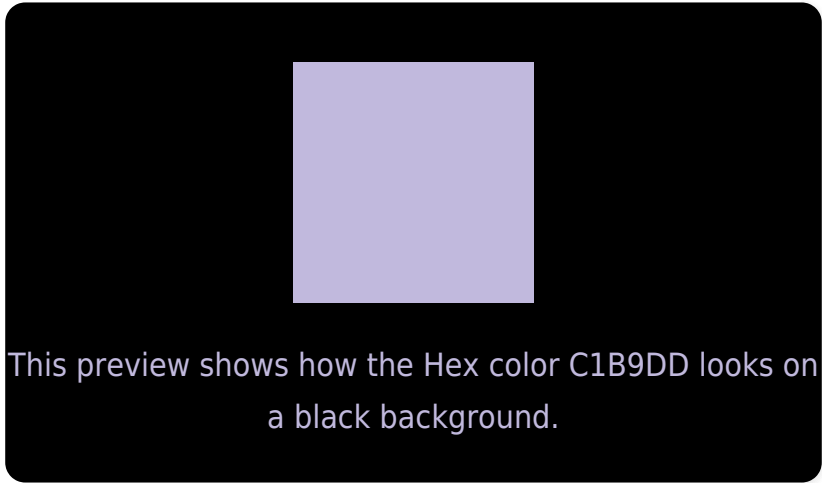
Large Text (above 18pt) WCAG AA × Fail

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

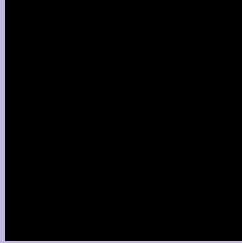
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C1B9DD Background



This preview shows how black text looks on a background with the Hex color C1B9DD.

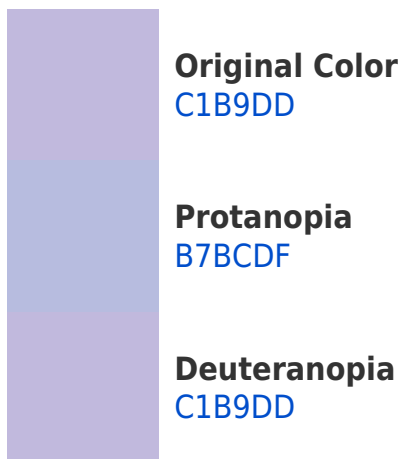


This preview shows how white text looks on a background with the Hex color C1B9DD.

# 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





# Trichromacy



**Original Color**  
C1B9DD

**Protanomaly**  
BBBBDE

**Deuteranomaly**  
C1B9DD

**Tritanomaly**  
BFBB2

# Monochromacy



**Original Color**  
C1B9DD

**Achromatopsia**  
BFBBFB

**Achromatomaly**  
C0BDCA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1B9DD 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 #C1B9DD looks like.

```
.text, #text, p{  
    color:#C1B9DD  
}
```

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 #C1B9DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1B9DD
}
```

## Border

The CSS property to change the border of an element to Hex C1B9DD 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
#C1B9DD }
```

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

```
.border{ border-color:#C1B9DD }
```

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

Here you see how a box with a 4 pixel #C1B9DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1B9DD; -webkit-box-shadow:4px 4px  
4px 4px #C1B9DD; box-shadow:4px 4px 4px  
4px #C1B9DD }
```

# Background

The CSS property to change the background color of an element to Hex C1B9DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1B9DD }
```

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

```
.background{ background-color:#C1B9DD }
```

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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