

# Converting Colors

Hex(C7BFDC)

Have a look what the booklet for  
Hex(C7BFDC) contains.

<b>Hex(C7BFDC)</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(C7BFDC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7BFDC
RGB	199, 191, 220
RGB Percent	78%, 75%, 86%
CMY	0.2196, 0.2510, 0.1373
CMYK	0.10, 0.13, 0.00, 0.14
HSL	257°, 29%, 81%
HSV	257°, 13%, 86%
XYZ	55.1023, 54.5710, 75.3392
YIQ	196.6980, -4.5410, 10.7150

# Conversions

## Conversions Part 2

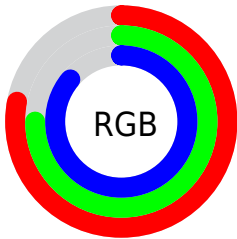
Format	Color
<a href="#">RYB</a>	<a href="#">199, 191, 220</a>
Decimal	<a href="#">13090780</a>
CIELab	<a href="#">78.79, 8.32, -13.46</a>
CIELCh	<a href="#">79, 15.823, 301.730</a>
Yxy	<a href="#">54.5710, 0.2978, 0.2950</a>
Android (android.graphics.Color)	<a href="#">4291280860 (0xFFC7BFDC)</a>
YUV	<a href="#">196.6980, 11.4879, 2.0189</a>
Hunter-Lab	<a href="#">73.8722, 3.8692, -8.7569</a>

# Details

The Hex color **C7BFDC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D4DCBF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF7FF**, and **918AA5** is the 20% darker color. If you saturate the color by 10%, you get **B7A9DC**, and if you desaturate by 10%, it is **D7D5DC**.

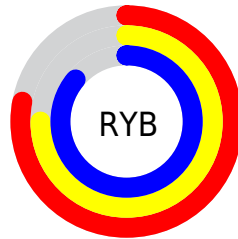
# Distribution



Red (78%)

Green (75%)

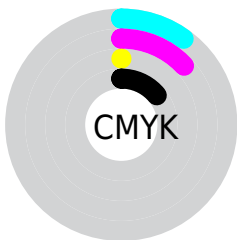
Blue (86%)



Red (78%)

Yellow (75%)

Blue (86%)

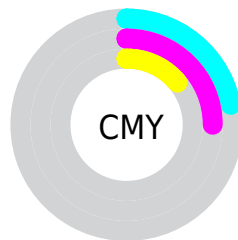


Cyan (10%)

Magenta (13%)

Yellow (0%)

Black (14%)



Cyan (22%)

Magenta (25%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7BFDC 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 C7BFDC by changing the saturation by 10% instead.



 C7BFDC

FFFFFF

 FFF7FF

 C7BFDC

 ACA4C0

 918AA5

 77708B

 5E5871

 474059

 302A41

 1A162B

 000017

 000000

 C7BFDC

 C7BFDC

 B7A9DC

 D7D5DC

 A793DC

 E7EBDC

 977DDC

 F7FFDC

 8767DC

 FFFFDC

 7751DC

 673BDC

 5725DC

 480FDC

 3D00DC

# Harmonies

## Analogous

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



B4C4E0



C7BFDC



D7BBD1

# Triad

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



C7BFDC



DBBDAA



A1CCC3

# Complementary

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



C7BFDC



D4DCBF

# 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.



ADCAB5



C7BFDC



CEC2A6

# Square

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



C7BFDC



E2BAB4



BEC7AA



9DCBD2

# Rectangle

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



C7BFDC



DEB9C8



BEC7AA



A4CBBE



# Sweetspot

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



C7BFDC



F8F5FF



BFD4DC



7B7980



000000



808080



# Same Dimension

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



C7BFDC



E1D6FF



D5BFDC



66636E



3000AD



0D002E



# Inverse Universe

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



DCBFD4



FFD6F4



C6DCBF



6E636B



AD007E

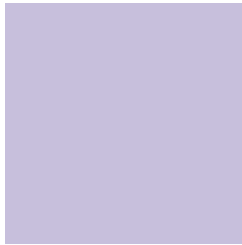


2E0021



# Previews

## White Background



This preview shows how the Hex color C7BFDC looks on a white background.

## Color Contrast Check

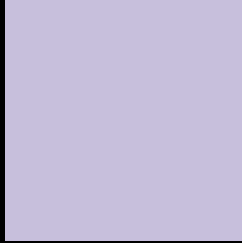
Large Text (above 18pt) WCAG AA × Fail

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 C7BFDC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

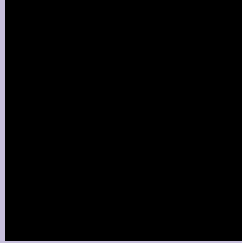
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7BFDC Background



This preview shows how black text looks on a background with the Hex color C7BFDC.



This preview shows how white text looks on a background with the Hex color C7BFDC.

# 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**  
C7BFDC

**Protanopia**  
BFC2DE

**Deuteranopia**  
CABEDC



**Tritanopia**  
C5C1D0

# Trichromacy



**Original Color**  
C7BFDC

**Protanomaly**  
C2C1DD

**Deuteranomaly**  
C9BEDC

**Tritanomaly**  
C6C0D4

# Monochromacy



**Original Color**  
C7BFDC

**Achromatopsia**  
C5C5C5

**Achromatomaly**  
C6C3CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7BFDC 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 #C7BFDC looks like.

```
.text, #text, p{  
    color:#C7BFDC  
}
```

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 #C7BFDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7BFDC
}
```

## Border

The CSS property to change the border of an element to Hex C7BFDC 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
#C7BFDC }
```

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

```
.border{ border-color:#C7BFDC }
```

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

Here you see how a box with a 4 pixel #C7BFDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7BFDC; -webkit-box-shadow:4px 4px  
4px 4px #C7BFDC; box-shadow:4px 4px 4px  
4px #C7BFDC }
```

# Background

The CSS property to change the background color of an element to Hex C7BFDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7BFDC }
```

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

```
.background{ background-color:#C7BFDC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor