

# Converting Colors

Hex(C7B8E5)

Have a look what the booklet for  
Hex(C7B8E5) contains.

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# **Color**

**Hex(C7B8E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7B8E5
RGB	199, 184, 229
RGB Percent	78%, 72%, 90%
CMY	0.2196, 0.2784, 0.1020
CMYK	0.13, 0.20, 0.00, 0.10
HSL	260°, 46%, 81%
HSV	260°, 20%, 90%
XYZ	54.8365, 52.0802, 81.2910
YIQ	193.6150, -5.5050, 17.1750

# Conversions

## Conversions Part 2

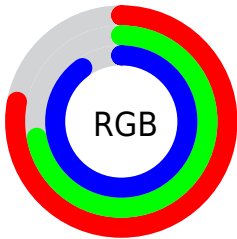
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 184, 229
Decimal	13088997
CIE <sub>Lab</sub>	77.33, 13.96, -20.52
CIE <sub>LCh</sub>	77, 24.824, 304.230
Yxy	52.0802, 0.2914, 0.2767
Android (android.graphics.Color)	4291279077 (0xFFC7B8E5)
YUV	193.6150, 17.4448, 4.7226
Hunter-Lab	72.1666, 9.3434, -16.2697

# Details

The Hex color **C7B8E5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D6E5B8**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFF0FF**, and **9183AD** is the 20% darker color. If you saturate the color by 10%, you get **B8A1E5**, and if you desaturate by 10%, it is **D6CFE5**.

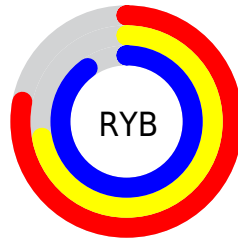
# Distribution



Red (78%)

Green (72%)

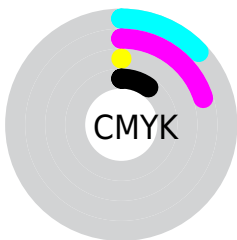
Blue (90%)



Red (78%)

Yellow (72%)

Blue (90%)

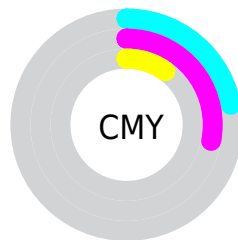


Cyan (13%)

Magenta (20%)

Yellow (0%)

Black (10%)



Cyan (22%)

Magenta (28%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7B8E5 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 C7B8E5 by changing the saturation by 10% instead.



 C7B8E5

FFFFFF

 FFF0FF

 C7B8E5

 AC9DC9

 9183AD

 776A93

 5E5279

 463B60

 2E2548

 181131

 00001C

 000000

 C7B8E5

 C7B8E5

 B8A1E5

 D6CFE5

 A88AE5

 E6E6E5

 9973E5

 F5FDE5

 8A5CE5

 FFFFE5

 7B45E5

 6B2FE5

 5C18E5

 4D01E5

 4C00E5

# Harmonies

## Analogous

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



A8C0EC



C7B8E5



E0B1D3

# Triad

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



C7B8E5



E1B796



85CCC2

# Complementary

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



C7B8E5



D6E5B8

# 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.



9ACAAA



C7B8E5



CDBF91

# Square

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



C7B8E5



EDB1A6



B4C599



7ECBD8

# Rectangle

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



C7B8E5



EAAFC4



B4C599



8ACCBA



# Sweetspot

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



C7B8E5



F5F0FF



B8D6E5



7A7780



000000



808080



# Same Dimension

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



C7B8E5



D6C2FF



DEB8E5



6B6773



3B00B3



110033



# Inverse Universe

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



E5B8D6



FFC2EB



BFE5B8



73676F



B30077

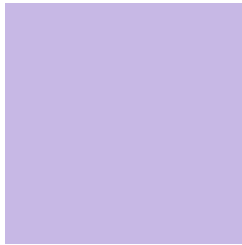


330022



# Previews

## White Background



This preview shows how the Hex color C7B8E5 looks on a white background.

## Color Contrast Check

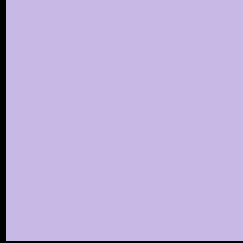
Large Text (above 18pt) WCAG AA × Fail

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 C7B8E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

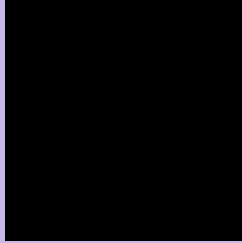
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7B8E5 Background



This preview shows how black text looks on a background with the Hex color C7B8E5.



This preview shows how white text looks on a background with the Hex color C7B8E5.

# 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**  
C7B8E5

**Protanopia**  
B5BDE9

**Deuteranopia**  
BFBBE4



# Trichromacy



**Original Color**  
C7B8E5

**Protanomaly**  
BCBBE8

**Deuteranomaly**  
C2BAE4

**Tritanomaly**  
C4BBD4

# Monochromacy



**Original Color**  
C7B8E5

**Achromatopsia**  
C2C2C2

**Achromatomaly**  
C4BECF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7B8E5 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 #C7B8E5 looks like.

```
.text, #text, p{  
    color:#C7B8E5  
}
```

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 #C7B8E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B8E5
}
```

## Border

The CSS property to change the border of an element to Hex C7B8E5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

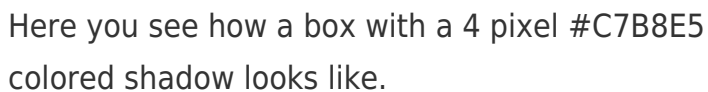
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C7B8E5 }
```

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

```
.border{ border-color:#C7B8E5 }
```

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



Here you see how a box with a 4 pixel `#C7B8E5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B8E5; -webkit-box-shadow:4px 4px  
4px 4px #C7B8E5; box-shadow:4px 4px 4px  
4px #C7B8E5 }
```

# Background

The CSS property to change the background color of an element to Hex C7B8E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B8E5 }
```

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

```
.background{ background-color:#C7B8E5 }
```

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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