

Converting Colors

Hex(CB9DE7)

Have a look what the booklet for
Hex(CB9DE7) contains.

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Color

Hex(CB9DE7)

Conversions

Conversions Part 1

Format	Color
Hex	CB9DE7
RGB	203, 157, 231
RGB Percent	80%, 62%, 91%
CMY	0.2039, 0.3843, 0.0941
CMYK	0.12, 0.32, 0.00, 0.09
HSL	277°, 61%, 76%
HSV	277°, 32%, 91%
XYZ	51.1094, 42.5800, 81.1263
YIQ	179.1900, 3.6620, 32.7660

Conversions

Conversions Part 2

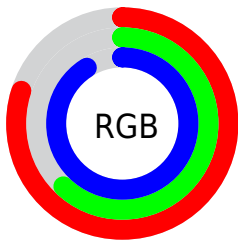
Format	Color
R _{YB}	203, 157, 231
Decimal	13344231
CIE Lab	71.27, 30.43, -30.85
CIE LCh	71, 43.333, 314.609
Yxy	42.5800, 0.2924, 0.2436
Android (android.graphics.Color)	4291534311 (0xFFCB9DE7)
YUV	179.1900, 25.5423, 20.8814
Hunter-Lab	65.2533, 25.6160, -28.0351

Details

The Hex color **CB9DE7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B9E79D**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD4FF**, and **9469AF** is the 20% darker color. If you saturate the color by 10%, you get **C286E7**, and if you desaturate by 10%, it is **D4B4E7**.

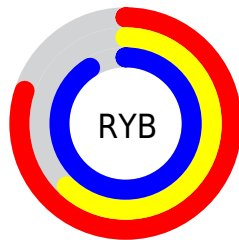
Distribution



Red (80%)

Green (62%)

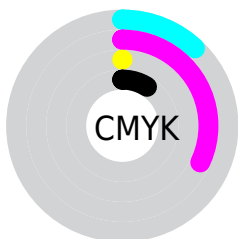
Blue (91%)



Red (80%)

Yellow (62%)

Blue (91%)

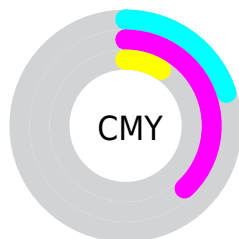


Cyan (12%)

Magenta (32%)

Yellow (0%)

Black (9%)



Cyan (20%)

Magenta (38%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB9DE7 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 CB9DE7 by changing the saturation by 10% instead.

 CB9DE7

 CB9DE7

FFFFFF

 AF83CB

 FFD4FF

 9469AF

 FFF1FF

 795094

 60397A

 472261

 2E0A49

 1B0032

 00021C

 000000

 CB9DE7

 CB9DE7

 C286E7

 D4B4E7

 BA6FE7

 DCCBE7

 B158E7

 E5E2E7

 A841E7

 EEF9E7

 9F29E7

 F7FFE7

 9712E7

 FFFFE7

 9000E7

Harmonies

Analogous

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



93ACFB



CB9DE7



EE91C5

Triad

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



CB9DE7



D9A562



00C3C1

Complementary

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



CB9DE7



B9E79D

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.



52C298



CB9DE7



B4B260

Square

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



CB9DE7



F29879



88BC75



00C0E5

Rectangle

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



CB9DE7



F98FAA



88BC75



15C3B4

Sweetspot

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



CB9DE7



F5E6FF



9DB9E7



7A7080



000000



808080

Same Dimension

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



CB9DE7



DA9EFF



E79DDE



6E6773



6F00B3



200033

Inverse Universe

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



E79DB9



FF9EC3



9DE7A6



73676C



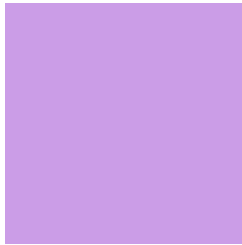
B30044



330013

Previews

White Background



This preview shows how the Hex color CB9DE7 looks on a white background.

Color Contrast Check

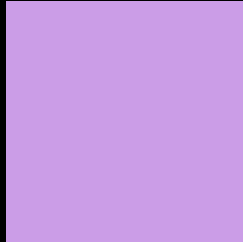
Large Text (above 18pt) WCAG AA × Fail

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 CB9DE7 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 CB9DE7 Background



This preview shows how black text looks on a background with the Hex color CB9DE7.

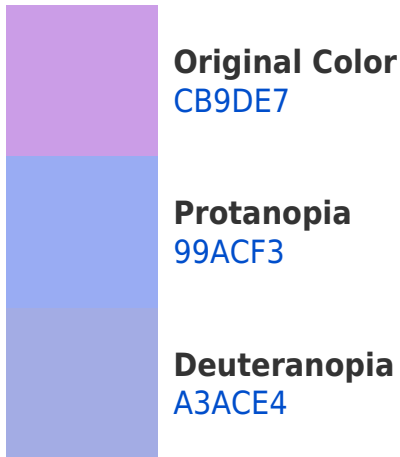


This preview shows how white text looks on a background with the Hex color CB9DE7.

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](#).

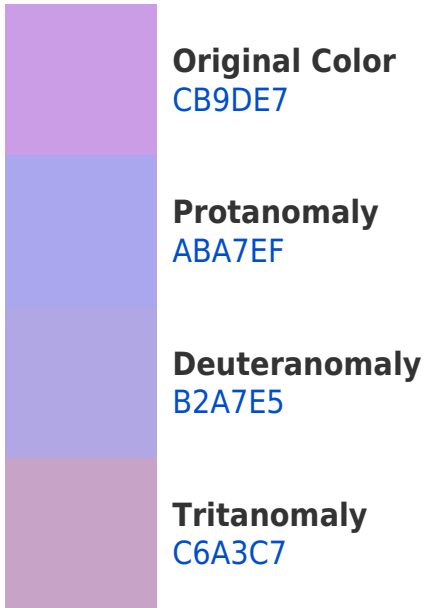
Dichromacy



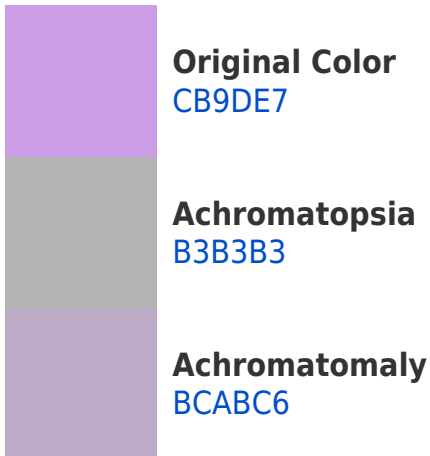


Tritanopia
C3A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB9DE7 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 #CB9DE7 looks like.

```
.text, #text, p{  
    color:#CB9DE7  
}
```

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 #CB9DE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB9DE7
}
```

Border

The CSS property to change the border of an element to Hex CB9DE7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

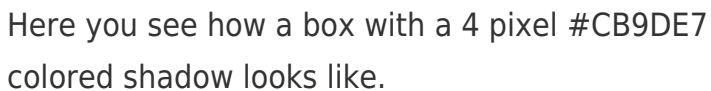
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB9DE7 }
```

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

```
.border{ border-color:#CB9DE7 }
```

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



Here you see how a box with a 4 pixel `#CB9DE7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB9DE7; -webkit-box-shadow:4px 4px  
4px 4px #CB9DE7; box-shadow:4px 4px 4px  
4px #CB9DE7 }
```

Background

The CSS property to change the background color of an element to Hex CB9DE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB9DE7 }
```

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

```
.background{ background-color:#CB9DE7 }
```

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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