

# Converting Colors

Hex(CD9EDB)

Have a look what the booklet for  
Hex(CD9EDB) contains.

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# **Color**

**Hex(CD9EDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CD9EDB
RGB	205, 158, 219
RGB Percent	80%, 62%, 86%
CMY	0.1961, 0.3804, 0.1412
CMYK	0.06, 0.28, 0.00, 0.14
HSL	286°, 46%, 74%
HSV	286°, 28%, 86%
XYZ	50.1899, 42.5473, 72.5850
YIQ	179.0070, 8.4310, 28.9350

# Conversions

## Conversions Part 2

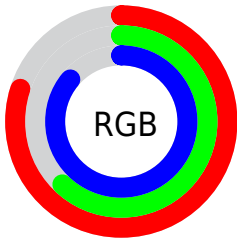
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 158, 219
Decimal	13475547
CIE <sub>Lab</sub>	71.25, 28.07, -24.29
CIE <sub>LCh</sub>	71, 37.122, 319.136
Yxy	42.5473, 0.3036, 0.2574
Android (android.graphics.Color)	4291665627 (0xFFCD9EDB)
YUV	179.0070, 19.7165, 22.7959
Hunter-Lab	65.2283, 23.1972, -20.3171

# Details

The Hex color **CD9EDB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **ACDB9E**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD5FF**, and **966AA4** is the 20% darker color. If you saturate the color by 10%, you get **C888DB**, and if you desaturate by 10%, it is **D2B4DB**.

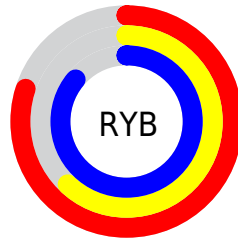
# Distribution



Red (80%)

Green (62%)

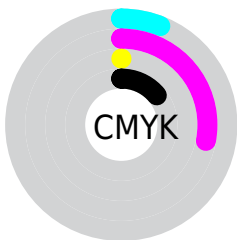
Blue (86%)



Red (80%)

Yellow (62%)

Blue (86%)

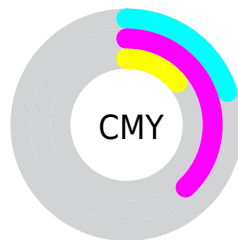


Cyan (6%)

Magenta (28%)

Yellow (0%)

Black (14%)



Cyan (20%)

Magenta (38%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD9EDB 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 CD9EDB by changing the saturation by 10% instead.



 CD9EDB

FFFFFF

 FFD5FF

 FFF2FF

 CD9EDB

 B184BF

 966AA4

 7C5189

 623A70

 492357

 320C40

 1F002A

 000114

 000000

 CD9EDB

 CD9EDB

 C888DB

 D2B4DB

 C372DB

 D7CADB

 BE5CDB

 DCE0DB

 B946DB

 E1F6DB

 B431DB

 E6FFDB

 AF1BDB

 EBFFDB

 AA05DB

 F0FFDB

 A900DB

 F5FFDB

 FAFFDB

# Harmonies

## Analogous

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



A1AAEE



CD9EDB



E996BC

# Triad

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



CD9EDB



D0A86C



31C1C3

# Complementary

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



CD9EDB



ACDB9E

# 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.



5EC0A1



CD9EDB



AFB36E

# Square

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



CD9EDB



E79D7D



88BB81



33BDE1

# Rectangle

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



CD9EDB



F094A5



88BB81



3FC1B8



# Sweetspot

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



CD9EDB



FAEBFF



9EACDB



7D7380



000000



808080



# Same Dimension

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



CD9EDB



ECABFF



DB9ECB



6B636E



8600AD



23002E



# Inverse Universe

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



DB9EAC



FFABBE



9EDBAE



6E6365



AD0028

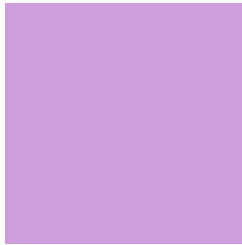


2E000B



# Previews

## White Background



This preview shows how the Hex color CD9EDB looks on a white background.

## Color Contrast Check

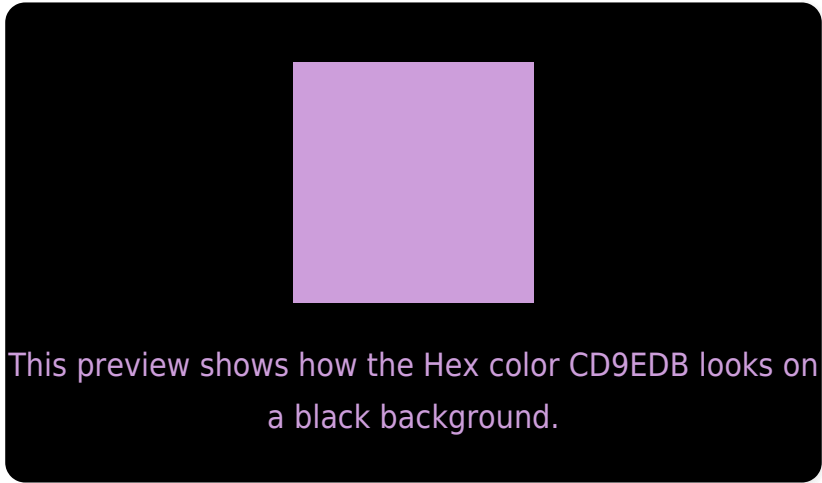
Large Text (above 18pt) WCAG AA × Fail

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 CD9EDB Background



This preview shows how black text looks on a background with the Hex color CD9EDB.

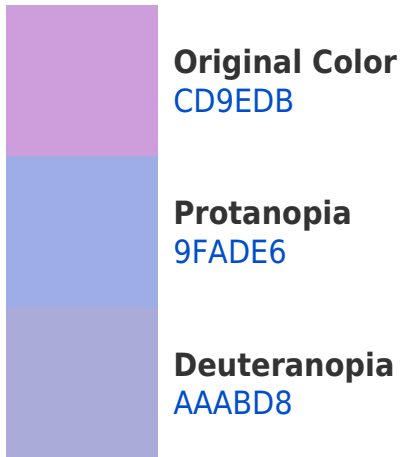


This preview shows how white text looks on a background with the Hex color CD9EDB.

# 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**  
C7A6B3

# Trichromacy



**Original Color**  
CD9EDB

**Protanomaly**  
B0A8E2

**Deuteranomaly**  
B7A6D9

**Tritanomaly**  
C9A3C2

# Monochromacy



**Original Color**  
CD9EDB

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
BCABC2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD9EDB 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 #CD9EDB looks like.

```
.text, #text, p{  
    color:#CD9EDB  
}
```

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 #CD9EDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD9EDB
}
```

## Border

The CSS property to change the border of an element to Hex CD9EDB 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
#CD9EDB }
```

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

```
.border{ border-color:#CD9EDB }
```

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

Here you see how a box with a 4 pixel #CD9EDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD9EDB; -webkit-box-shadow:4px 4px  
4px 4px #CD9EDB; box-shadow:4px 4px 4px  
4px #CD9EDB }
```

# Background

The CSS property to change the background color of an element to Hex CD9EDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD9EDB }
```

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

```
.background{ background-color:#CD9EDB }
```

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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