

# Converting Colors

Hex(CE9BD2)

Have a look what the booklet for  
Hex(CE9BD2) contains.

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# **Color**

**Hex(CE9BD2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE9BD2
RGB	206, 155, 210
RGB Percent	81%, 61%, 82%
CMY	0.1922, 0.3922, 0.1765
CMYK	0.02, 0.26, 0.00, 0.18
HSL	296°, 38%, 72%
HSV	296°, 26%, 82%
XYZ	48.8078, 41.2176, 66.3561
YIQ	176.5190, 12.7410, 27.9170

# Conversions

## Conversions Part 2

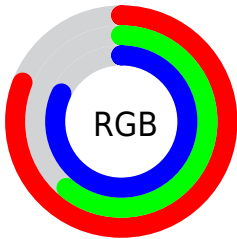
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 155, 210
Decimal	13540306
CIE <sub>Lab</sub>	70.33, 28.29, -20.72
CIE <sub>LCh</sub>	70, 35.068, 323.775
Yxy	41.2176, 0.3121, 0.2636
Android (android.graphics.Color)	4291730386 (0xFFCE9BD2)
YUV	176.5190, 16.5061, 25.8548
Hunter-Lab	64.2010, 23.3502, -16.3396

# Details

The Hex color **CE9BD2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9FD29B**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD2FF**, and **97679B** is the 20% darker color. If you saturate the color by 10%, you get **CC86D2**, and if you desaturate by 10%, it is **D0B0D2**.

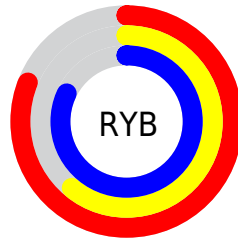
# Distribution



Red (81%)

Green (61%)

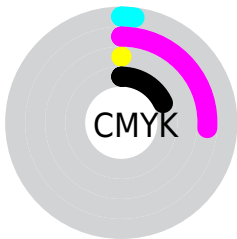
Blue (82%)



Red (81%)

Yellow (61%)

Blue (82%)

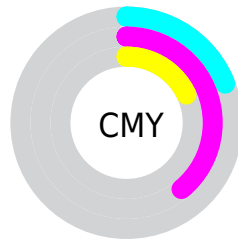


Cyan (2%)

Magenta (26%)

Yellow (0%)

Black (18%)



Cyan (19%)

Magenta (39%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE9BD2 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 CE9BD2 by changing the saturation by 10% instead.



 CE9BD2

 CE9BD2

FFFFFF

 B281B6

 FFD2FF

 97679B

 FFEEFF

 7D4F81

 633768

 4A2050

 330839

 210023

 00000A

 000000

 CE9BD2

 CE9BD2

 CC86D2

 D0B0D2

 CB71D2

 D1C5D2

 C95CD2

 D3DAD2

 C847D2

 D4EFD2

 C632D2

 D6FFD2

 C51DD2

 D7FFD2

 C308D2

 D9FFD2

 C300D2

 DAFFD2

 DCFFD2

# Harmonies

## Analogous

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



A7A6E6



CE9BD2



E594B4

# Triad

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



CE9BD2



C8A86D



39BDC5

# Complementary

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



CE9BD2



9FD29B

# 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.



5BBDA4



CE9BD2



A7B271

# Square

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



CE9BD2



DF9D7A



83B985



44B9DE

# Rectangle

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



CE9BD2



EB949E



83B985



42BDBA



# Sweetspot

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



CE9BD2



FEEBFF



9BA0D2



7F7380



000000



808080



# Same Dimension

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



CE9BD2



F9B0FF



D29BBB



685E69



9C00A8



260029



# Inverse Universe

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



D29B9F



FFB0B6



9BD2B2



695E5F



A8000C

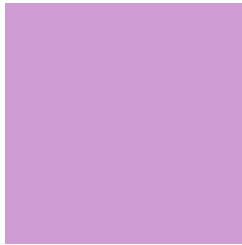


290003



# Previews

## White Background



This preview shows how the Hex color CE9BD2 looks on a white background.

## Color Contrast Check

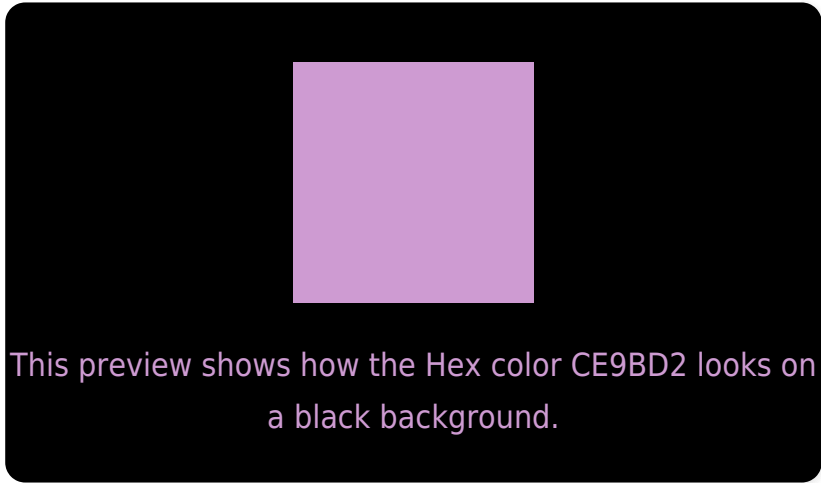
Large Text (above 18pt) WCAG AA × Fail

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

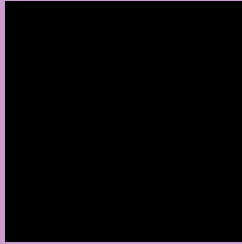
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CE9BD2 Background



This preview shows how black text looks on a background with the Hex color CE9BD2.

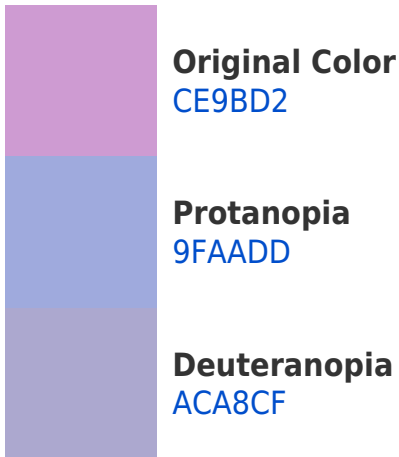


This preview shows how white text looks on a background with the Hex color CE9BD2.

# 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**  
C9A2AE

# Trichromacy



**Original Color**  
CE9BD2



**Protanomaly**  
B0A5D9



**Deuteranomaly**  
B8A3D0

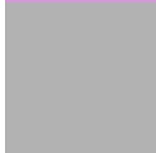


**Tritanomaly**  
CB9FBB

# Monochromacy



**Original Color**  
CE9BD2



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
BCA9BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE9BD2 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 #CE9BD2 looks like.

```
.text, #text, p{  
    color:#CE9BD2  
}
```

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 #CE9BD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE9BD2
}
```

## Border

The CSS property to change the border of an element to Hex CE9BD2 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
#CE9BD2 }
```

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

```
.border{ border-color:#CE9BD2 }
```

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

Here you see how a box with a 4 pixel #CE9BD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE9BD2; -webkit-box-shadow:4px 4px  
4px 4px #CE9BD2; box-shadow:4px 4px 4px  
4px #CE9BD2 }
```

# Background

The CSS property to change the background color of an element to Hex CE9BD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE9BD2 }
```

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

```
.background{ background-color:#CE9BD2 }
```

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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