

# Converting Colors

Hex(CF9ED9)

Have a look what the booklet for  
Hex(CF9ED9) contains.

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# **Color**

**Hex(CF9ED9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF9ED9
RGB	207, 158, 217
RGB Percent	81%, 62%, 85%
CMY	0.1882, 0.3804, 0.1490
CMYK	0.05, 0.27, 0.00, 0.15
HSL	290°, 44%, 74%
HSV	290°, 27%, 85%
XYZ	50.4834, 42.7289, 71.2324
YIQ	179.3770, 10.2650, 28.7370

# Conversions

## Conversions Part 2

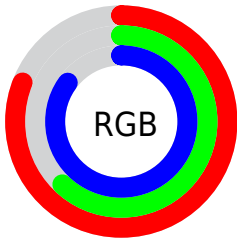
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 158, 217
Decimal	13606617
CIE <sub>Lab</sub>	71.37, 28.33, -22.98
CIE <sub>LCh</sub>	71, 36.477, 320.947
Yxy	42.7289, 0.3070, 0.2598
Android (android.graphics.Color)	4291796697 (0xFFCF9ED9)
YUV	179.3770, 18.5481, 24.2254
Hunter-Lab	65.3673, 23.4632, -18.8526

# Details

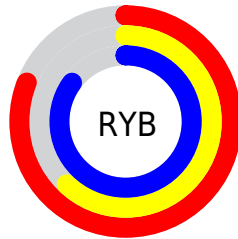
The Hex color **CF9ED9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A8D99E**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD5FF**, and **986AA2** is the 20% darker color. If you saturate the color by 10%, you get **CB88D9**, and if you desaturate by 10%, it is **D3B4D9**.

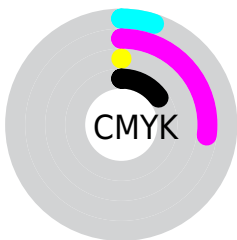
# Distribution



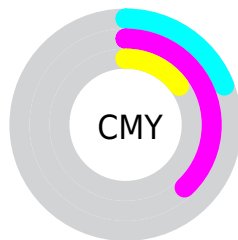
- Red (81%)
- Green (62%)
- Blue (85%)



- Red (81%)
- Yellow (62%)
- Blue (85%)



- Cyan (5%)
- Magenta (27%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (38%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF9ED9 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 CF9ED9 by changing the saturation by 10% instead.



 CF9ED9

 CF9ED9

FFFFFF

 B384BD

 FFD5FF

 986AA2

 FFF2FF

 7E5188

 643A6E

 4B2356

 330C3E

 200028

 000112

 000000

 CF9ED9

 CF9ED9

 CB88D9

 D3B4D9

 C873D9

 D6C9D9

 C45DD9

 DADFD9

 C047D9

 DEF5D9

 BD32D9

 E1FFD9

 B91CD9

 E5FFD9

 B506D9

 E9FFD9

 B400D9

 ECFFD9

 F0FFD9

# Harmonies

## Analogous

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



A4AAED



CF9ED9



E996BA

# Triad

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



CF9ED9



CEA96D



35C1C5

# Complementary

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



CF9ED9



A8D99E

# 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.



5DC0A3



CF9ED9



ADB470

# Square

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



CF9ED9



E69E7C



87BC84



3BBDE1

# Rectangle

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



CF9ED9



F095A4



87BC84



41C1BA



# Sweetspot

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



CF9ED9



FCEBFF



9EA9D9



7D7380



000000



808080



# Same Dimension

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



CF9ED9



F1ABFF



D99EC6



6C636E



9000AD



26002E



# Inverse Universe

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



D99EA8



FFABB9



9ED9B1



6E6365



AD001D

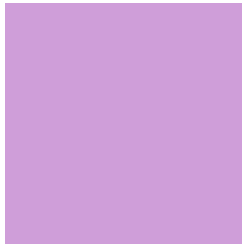


2E0008



# Previews

## White Background



This preview shows how the Hex color CF9ED9 looks on a white background.

## Color Contrast Check

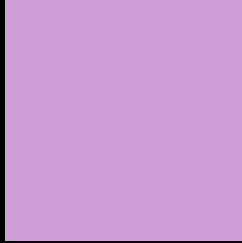
Large Text (above 18pt) WCAG AA × Fail

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 CF9ED9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

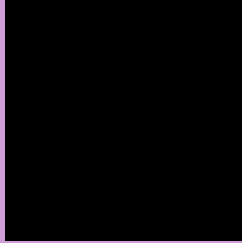
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CF9ED9 Background



This preview shows how black text looks on a background with the Hex color CF9ED9.

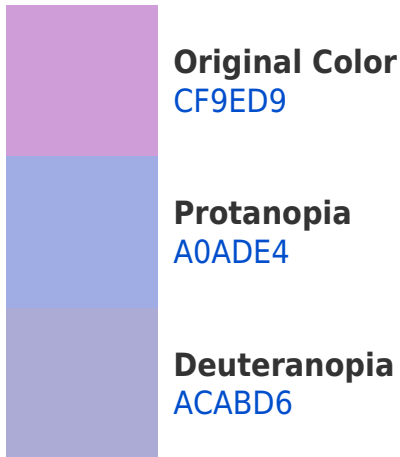


This preview shows how white text looks on a background with the Hex color CF9ED9.

# 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**  
C9A5B2

# Trichromacy



**Original Color**  
CF9ED9



**Protanomaly**  
B1A8E0



**Deuteranomaly**  
B9A6D7



**Tritanomaly**  
CBA2C0

# Monochromacy



**Original Color**  
CF9ED9



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
BDABC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF9ED9 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 #CF9ED9 looks like.

```
.text, #text, p{  
    color:#CF9ED9  
}
```

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 #CF9ED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF9ED9
}
```

## Border

The CSS property to change the border of an element to Hex CF9ED9 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
#CF9ED9 }
```

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

```
.border{ border-color:#CF9ED9 }
```

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

Here you see how a box with a 4 pixel #CF9ED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF9ED9; -webkit-box-shadow:4px 4px  
4px 4px #CF9ED9; box-shadow:4px 4px 4px  
4px #CF9ED9 }
```

# Background

The CSS property to change the background color of an element to Hex CF9ED9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF9ED9 }
```

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

```
.background{ background-color:#CF9ED9 }
```

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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