

# Converting Colors

Hex(CF9BEA)

Have a look what the booklet for  
Hex(CF9BEA) contains.

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# Color

**Hex(CF9BEA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF9BEA
RGB	207, 155, 234
RGB Percent	81%, 61%, 92%
CMY	0.1882, 0.3922, 0.0824
CMYK	0.12, 0.34, 0.00, 0.08
HSL	279°, 65%, 76%
HSV	279°, 34%, 92%
XYZ	52.3048, 42.6486, 83.3171
YIQ	179.5540, 5.6330, 35.5930

# Conversions

## Conversions Part 2

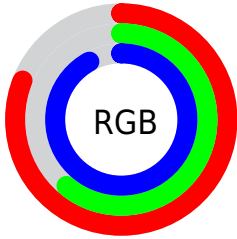
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 155, 234
Decimal	13605866
CIE Lab	71.32, 33.37, -32.39
CIE LCh	71, 46.506, 315.861
Yxy	42.6486, 0.2934, 0.2392
Android (android.graphics.Color)	4291795946 (0xFFCF9BEA)
YUV	179.5540, 26.8419, 24.0701
Hunter-Lab	65.3059, 28.6788, -29.9279

# Details

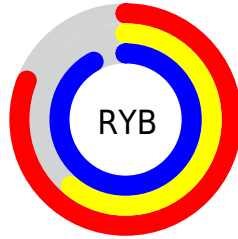
The Hex color **CF9BEA** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B6EA9B**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD2FF**, and **9867B2** is the 20% darker color. If you saturate the color by 10%, you get **C784EA**, and if you desaturate by 10%, it is **D7B2EA**.

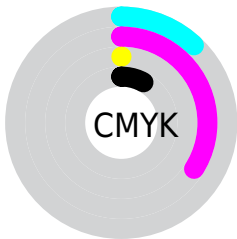
# Distribution



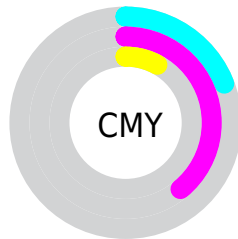
- Red (81%)
- Green (61%)
- Blue (92%)



- Red (81%)
- Yellow (61%)
- Blue (92%)



- Cyan (12%)
- Magenta (34%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (39%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF9BEA 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 CF9BEA by changing the saturation by 10% instead.



 CF9BEA

 CF9BEA

FFFFFF

 B381CE

 FFD2FF

 9867B2

 FFEFFF

 7D4E97

 63367D

 4A1F64

 31064B

 1D0034

 00021E

 000000

 CF9BEA

 CF9BEA

 C784EA

 D7B2EA

 BF6CEA

 DFCAEA

 B755EA

 E7E1EA

 AF3DEA

 EFF9EA

 A726EA

 F7FFEA

 9F0FEA

 FFFFEA

 9A00EA

# Harmonies

## Analogous

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



93ABFF



CF9BEA



F48EC5

# Triad

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



CF9BEA



DAA55C



00C5C4

# Complementary

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



CF9BEA



B6EA9B

# 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.



44C399



CF9BEA



B3B35B

# Square

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



CF9BEA



F69674



83BE72



00C1EA

# Rectangle

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



CF9BEA



FE8CA8



83BE72



00C5B6



# Sweetspot

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



CF9BEA



F6E6FF



9BB7EA



7A7080



000000



808080



# Same Dimension

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



CF9BEA



DB96FF



EA9BDE



716A75



7700B5



230036



# Inverse Universe

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



EA9BB6



FF96BA



9BEAA7



756A6E



B5003E

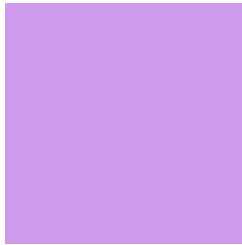


360012



# Previews

## White Background



This preview shows how the Hex color CF9BEA looks on a white background.

## Color Contrast Check

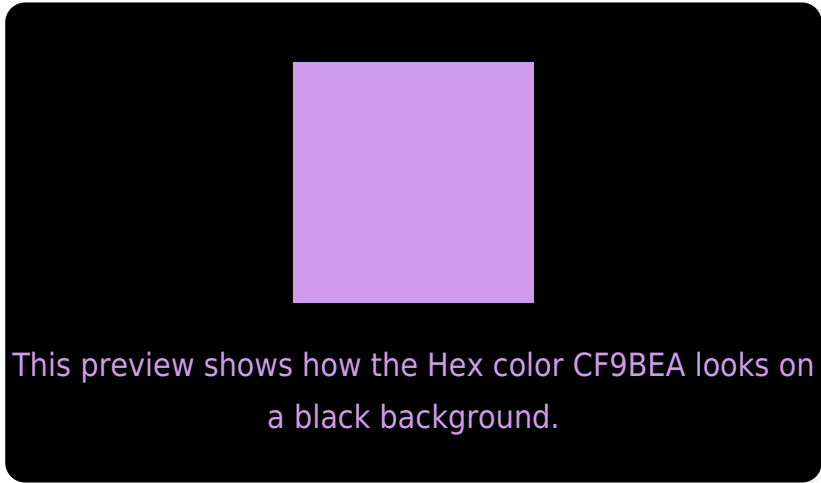
Large Text (above 18pt) WCAG AA × Fail

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

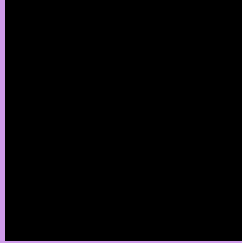
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CF9BEA Background



This preview shows how black text looks on a background with the Hex color CF9BEA.

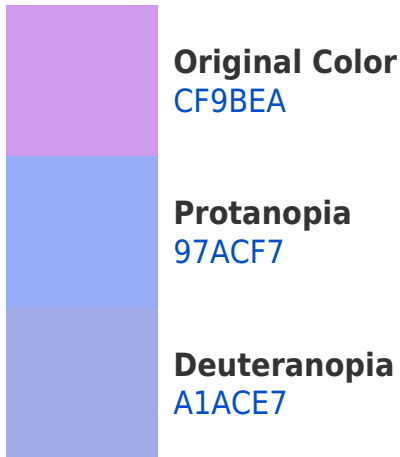


This preview shows how white text looks on a background with the Hex color CF9BEA.

# 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](#).

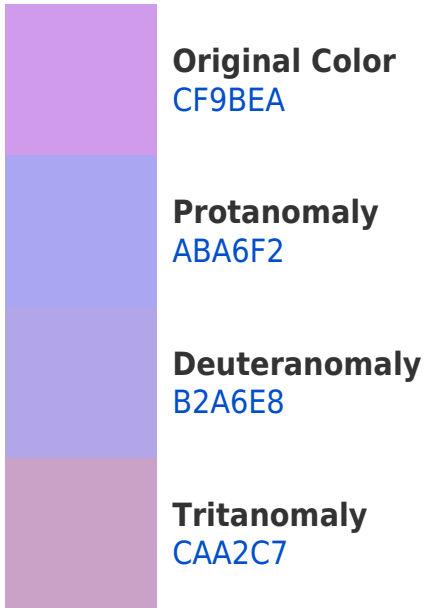
## Dichromacy





**Tritanopia**  
C7A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF9BEA 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 #CF9BEA looks like.

```
.text, #text, p{  
    color:#CF9BEA  
}
```

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 #CF9BEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF9BEA
}
```

## Border

The CSS property to change the border of an element to Hex CF9BEA 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
#CF9BEA }
```

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

```
.border{ border-color:#CF9BEA }
```

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

Here you see how a box with a 4 pixel #CF9BEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF9BEA; -webkit-box-shadow:4px 4px  
4px 4px #CF9BEA; box-shadow:4px 4px 4px  
4px #CF9BEA }
```

# Background

The CSS property to change the background color of an element to Hex CF9BEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF9BEA }
```

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

```
.background{ background-color:#CF9BEA }
```

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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