

# Converting Colors

Hex(CF9FF2)

Have a look what the booklet for  
Hex(CF9FF2) contains.

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# **Color**

**Hex(CF9FF2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF9FF2
RGB	207, 159, 242
RGB Percent	81%, 62%, 95%
CMY	0.1882, 0.3765, 0.0510
CMYK	0.14, 0.34, 0.00, 0.05
HSL	275°, 76%, 79%
HSV	275°, 34%, 95%
XYZ	54.1573, 44.4725, 89.7340
YIQ	182.8140, 1.9650, 35.9890

# Conversions

## Conversions Part 2

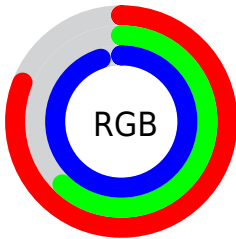
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 159, 242
Decimal	13606898
CIE Lab	72.54, 32.87, -34.85
CIE LCh	73, 47.904, 313.321
Yxy	44.4725, 0.2875, 0.2361
Android (android.graphics.Color)	4291796978 (0xFFCF9FF2)
YUV	182.8140, 29.1787, 21.2111
Hunter-Lab	66.6877, 28.2569, -33.0984

# Details

The Hex color **CF9FF2** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C2F29F**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD6FF**, and **976BBA** is the 20% darker color. If you saturate the color by 10%, you get **C587F2**, and if you desaturate by 10%, it is **D9B7F2**.

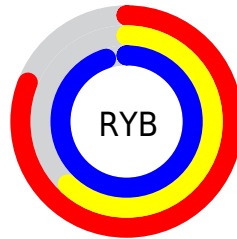
# Distribution



Red (81%)

Green (62%)

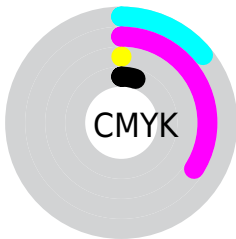
Blue (95%)



Red (81%)

Yellow (62%)

Blue (95%)

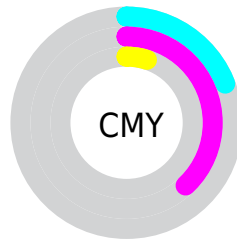


Cyan (14%)

Magenta (34%)

Yellow (0%)

Black (5%)



Cyan (19%)

Magenta (38%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF9FF2 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 CF9FF2 by changing the saturation by 10% instead.



 CF9FF2

 CF9FF2

FFFFFF

 B385D5

 FFD6FF

 976BBA

 FFF3FF

 7D529E

 633A84

 49236A

 310B52

 1B003A

 000224

 00000C

 CF9FF2

 CF9FF2

 C587F2

 D9B7F2

 BB6FF2

 E3CFF2

 B056F2

 EEE8F2

 A63EF2

 F8FFF2

 9C26F2

 FFFFF2

 920EF2

 8C00F2

# Harmonies

## Analogous

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



8EB0FF



CF9FF2



F791CC

# Triad

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



CF9FF2



E2A75D



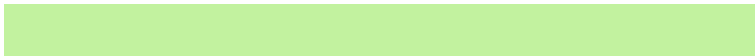
00C9C5

# Complementary

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



CF9FF2



C2F29F

# 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.



49C797



CF9FF2



BAB65A

# Square

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



CF9FF2



FD9778



89C170



00C6ED

# Rectangle

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



CF9FF2



FF8EAF



89C170



00C9B6



# Sweetspot

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



CF9FF2



F4E6FF



9FC3F2



797080



000000



808080



# Same Dimension

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



CF9FF2



D396FF



F29FEC



736C78



6A00B8



200038



# Inverse Universe

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



F29FC2



FF96C3



9FF2A5



786C71



B8004D

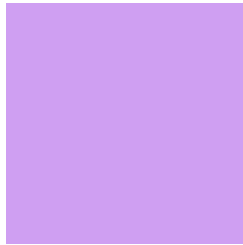


380018



# Previews

## White Background



This preview shows how the Hex color CF9FF2 looks on a white background.

## Color Contrast Check

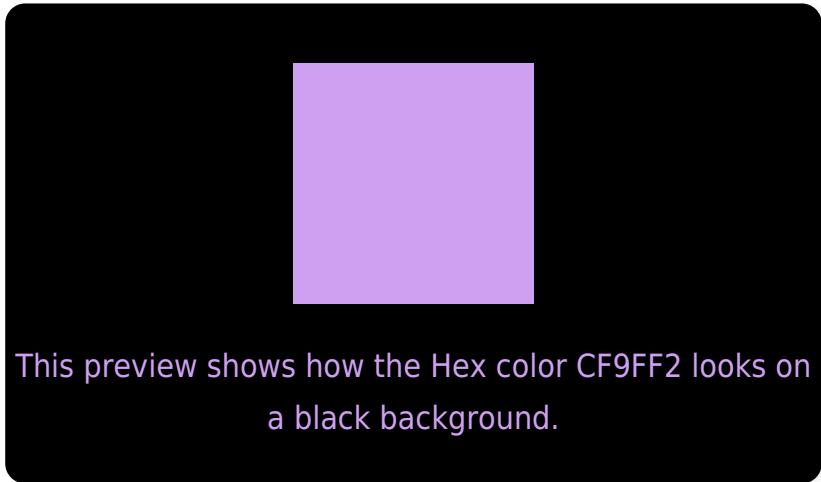
Large Text (above 18pt) WCAG AA × Fail

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

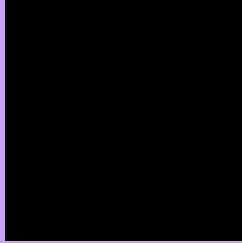
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CF9FF2 Background



This preview shows how black text looks on a background with the Hex color CF9FF2.

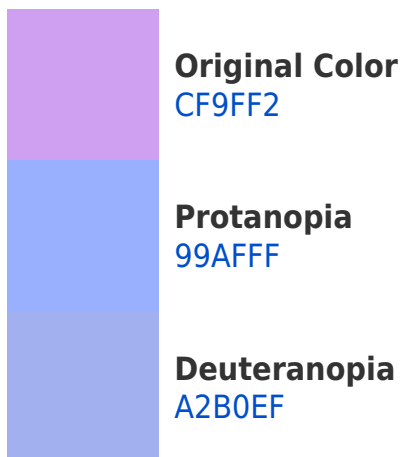


This preview shows how white text looks on a background with the Hex color CF9FF2.

# 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**  
C6ABB8

# Trichromacy



**Original Color**  
CF9FF2



**Protanomaly**  
ADA9FA



**Deuteranomaly**  
B2AAF0



**Tritanomaly**  
C9A7CD

# Monochromacy



**Original Color**  
CF9FF2



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
C0AECC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF9FF2 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 #CF9FF2 looks like.

```
.text, #text, p{  
    color:#CF9FF2  
}
```

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 #CF9FF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF9FF2
}
```

## Border

The CSS property to change the border of an element to Hex CF9FF2 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
#CF9FF2 }
```

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

```
.border{ border-color:#CF9FF2 }
```

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

Here you see how a box with a 4 pixel #CF9FF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF9FF2; -webkit-box-shadow:4px 4px  
4px 4px #CF9FF2; box-shadow:4px 4px 4px  
4px #CF9FF2 }
```

# Background

The CSS property to change the background color of an element to Hex CF9FF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF9FF2 }
```

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

```
.background{ background-color:#CF9FF2 }
```

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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