

# Converting Colors

Hex(C72EFF)

Have a look what the booklet for  
Hex(C72EFF) contains.

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**Color**

**Hex(C72EFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C72EFF
RGB	199, 46, 255
RGB Percent	78%, 18%, 100%
CMY	0.2196, 0.8196, 0.0000
CMYK	0.22, 0.82, 0.00, 0.00
HSL	284°, 100%, 59%
HSV	284°, 82%, 100%
XYZ	42.5802, 21.3161, 96.4779
YIQ	115.5730, 24.0990, 97.4350

# Conversions

## Conversions Part 2

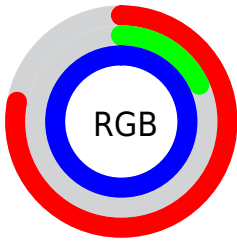
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	199, 46, 255
Decimal	13053695
CIE <sub>Lab</sub>	53.29, 83.90, -72.62
CIE <sub>LCh</sub>	53, 110.969, 319.122
Yxy	21.3161, 0.2655, 0.1329
Android (android.graphics.Color)	4291243775 (0xFFC72EFF)
YUV	115.5730, 68.7375, 73.1655
Hunter-Lab	46.1694, 83.8271, -91.5769

# Details

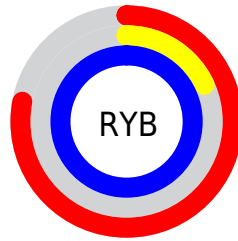
The Hex color **C72EFF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **66FF2E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF70FF**, and **8B00C5** is the 20% darker color. If you saturate the color by 10%, you get **C015FF**, and if you desaturate by 10%, it is **CE48FF**.

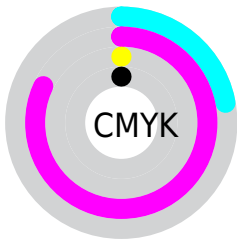
# Distribution



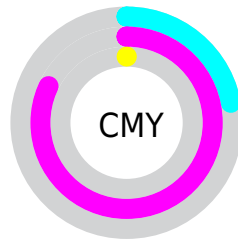
- Red (78%)
- Green (18%)
- Blue (100%)



- Red (78%)
- Yellow (18%)
- Blue (100%)



- Cyan (22%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (82%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C72EFF 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 C72EFF by changing the saturation by 10% instead.



 C72EFF

FFFFFF

 FF70FF

 FF8EFF

 FFACFF

 FFC9FF

 FFE7FF

 C72EFF

 A900E2

 8B00C5

 6D00A9

 4F008E

 2F0073

 000059

 000041

 00032A

 000114

 C72EFF

 C72EFF

 C015FF

 CE48FF

 BB00FF

 D561FF

 DB7BFF

 E294FF

 E9AEFF

 F0C7FF

 F7E1FF

 FEFAFF

FFFFFF

# Harmonies

## Analogous

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



0078FF



C72EFF



FF00A6

# Triad

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



C72EFF



B86F00



00A3BC

# Complementary

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



C72EFF



66FF2E

# 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.



00A158



C72EFF



608D00

# Square

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



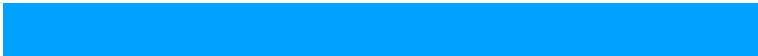
C72EFF



F72A00



009B00



00A2FF

# Rectangle

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



C72EFF



FF0068



009B00



00A39B



# Sweetspot

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



C72EFF



EEBFFF



2E69FF



755980



000000



808080



# Same Dimension

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



C72EFF



BC05FF



FF2ED2



7C7380



8C00BF



2F0040



# Inverse Universe

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



FF2E66



FF0548



2EFF5B



807376



BF0033

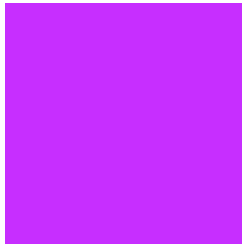


400011



# Previews

## White Background



This preview shows how the Hex color C72EFF looks on a white background.

## Color Contrast Check

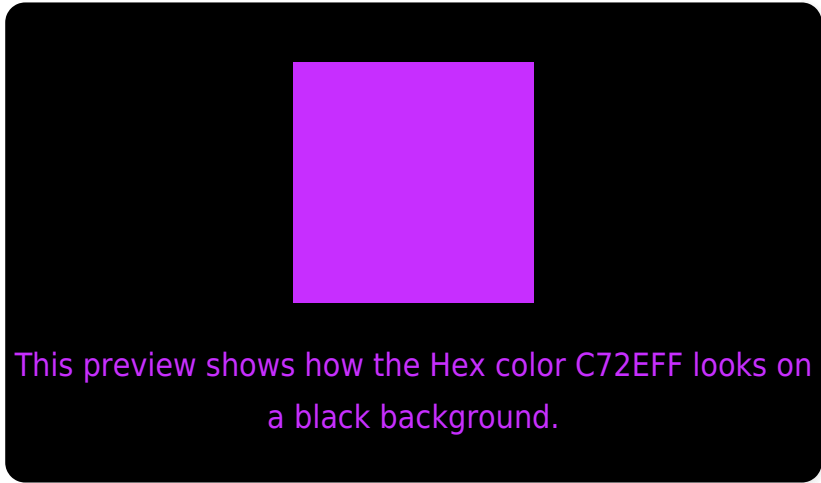
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex C72EFF Background



This preview shows how black text looks on a background with the Hex color C72EFF.

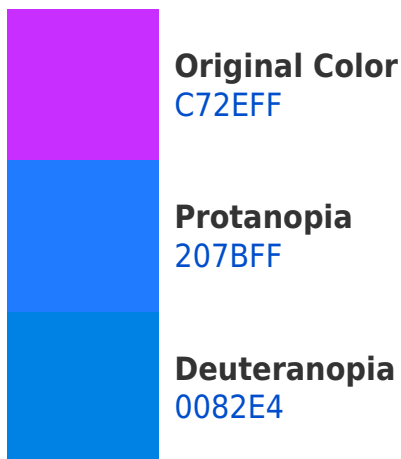



This preview shows how white text looks on a background with the Hex color C72EFF.

# 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](#).

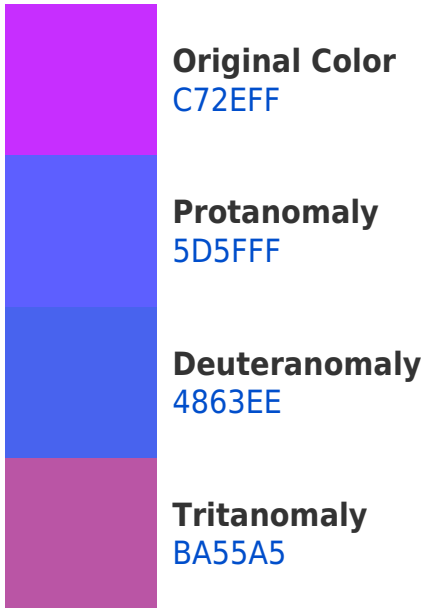
## Dichromacy



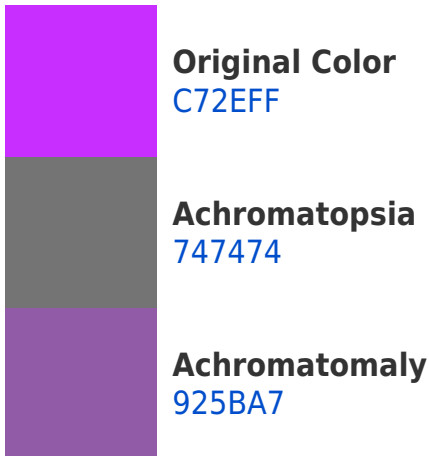


**Tritanopia**  
B26B72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C72EFF 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 #C72EFF looks like.

```
.text, #text, p{  
    color:#C72EFF  
}
```

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 #C72EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C72EFF
}
```

## Border

The CSS property to change the border of an element to Hex C72EFF 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
#C72EFF }
```

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

```
.border{ border-color:#C72EFF }
```

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

Here you see how a box with a 4 pixel #C72EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C72EFF; -webkit-box-shadow:4px 4px  
4px 4px #C72EFF; box-shadow:4px 4px 4px  
4px #C72EFF }
```

# Background

The CSS property to change the background color of an element to Hex C72EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C72EFF }
```

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

```
.background{ background-color:#C72EFF }
```

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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