

# Converting Colors

Hex(CF82F3)

Have a look what the booklet for  
Hex(CF82F3) contains.

|  |    |
|--|----|
| <b>Hex(CF82F3)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(CF82F3)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | CF82F3                    |
| RGB           | 207, 130, 243             |
| RGB Percent   | 81%, 51%, 95%             |
| CMY           | 0.1882, 0.4902, 0.0471    |
| CMYK          | 0.15, 0.47, 0.00, 0.05    |
| HSL           | 281°, 82%, 73%            |
| HSV           | 281°, 47%, 95%            |
| XYZ           | 49.8924, 35.7017, 89.0555 |
| YIQ           | 165.9050, 9.6190, 51.4670 |

# Conversions

## Conversions Part 2

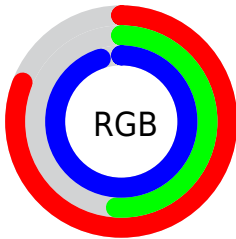
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>YB</sub>                     | 207, 130, 243                 |
| Decimal                             | 13599475                      |
| CIE Lab                             | 66.29, 48.63, -45.16          |
| CIE LCh                             | 66, 66.365, 317.123           |
| Yxy                                 | 35.7017, 0.2857,<br>0.2044    |
| Android<br>(android.graphics.Color) | 4291789555<br>(0xFFCF82F3)    |
| YUV                                 | 165.9050, 38.0078,<br>36.0403 |
| Hunter-Lab                          | 59.7509, 44.4846,<br>-46.5429 |

# Details

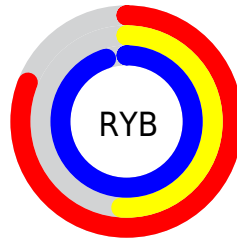
The Hex color **CF82F3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A6F382**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB9FF**, and **964EBA** is the 20% darker color. If you saturate the color by 10%, you get **C76AF3**, and if you desaturate by 10%, it is **D79AF3**.

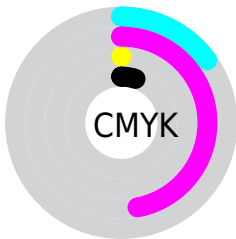
# Distribution



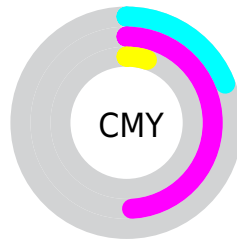
- Red (81%)
- Green (51%)
- Blue (95%)



- Red (81%)
- Yellow (51%)
- Blue (95%)



- Cyan (15%)
- Magenta (47%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (49%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF82F3 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 CF82F3 by changing the saturation by 10% instead.



 CF82F3

 CF82F3

FFFFFF

 B268D6

 FFB9FF

 964EBA

 FFD5FF

 7B349F

 FFF2FF

 601984

 46006B

 2B0052

 12003A

 000223

 00000A

 CF82F3

 CF82F3

 C76AF3

 D79AF3

 C051F3

 DEB3F3

 B839F3

 E6CBF3

 B021F3

 EEE3F3

 A809F3

 F6FBF3

 A600F3

 FDFFF3

 FFFFF3

# Harmonies

## Analogous

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



6E9CFF



CF82F3



FF6BBD

# Triad

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



CF82F3



D59520



00BDC3

# Complementary

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



CF82F3



A6F382

# 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.



00BC85



CF82F3



9FA91D

# Square

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



CF82F3



FC7C4B



57B54B



00BAF8

# Rectangle

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



CF82F3



FF6795



57B54B



00BDAE



# Sweetspot

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



CF82F3



F4DBFF



82A8F3



796A80



000000



808080



# Same Dimension

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



CF82F3



D270FF



F382E0



776E7A



7F00BA



28003B



# Inverse Universe

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



F382A6



FF709E



82F395



7A6E72



BA003B

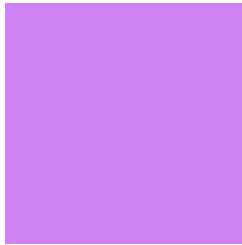


3B0013



# Previews

## White Background



This preview shows how the Hex color CF82F3 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 CF82F3 Background



This preview shows how black text looks on a background with the Hex color CF82F3.

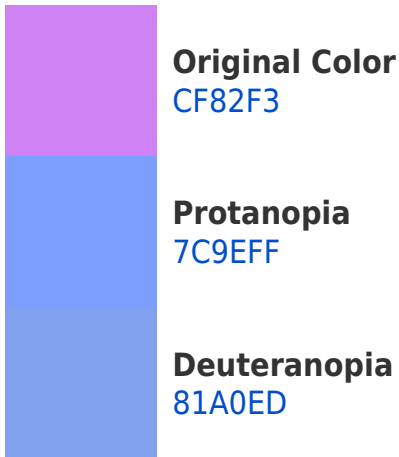


This preview shows how white text looks on a background with the Hex color CF82F3.

# 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**  
C295A1

# Trichromacy



**Original Color**  
CF82F3



**Protanomaly**  
9A94FB



**Deuteranomaly**  
9D95EF



**Tritanomaly**  
C78EBF

# Monochromacy



**Original Color**  
CF82F3



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
B599C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF82F3 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 #CF82F3 looks like.

```
.text, #text, p{  
    color:#CF82F3  
}
```

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 #CF82F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF82F3
}
```

## Border

The CSS property to change the border of an element to Hex CF82F3 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
#CF82F3 }
```

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

```
.border{ border-color:#CF82F3 }
```

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

Here you see how a box with a 4 pixel #CF82F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF82F3; -webkit-box-shadow:4px 4px  
4px 4px #CF82F3; box-shadow:4px 4px 4px  
4px #CF82F3 }
```

# Background

The CSS property to change the background color of an element to Hex CF82F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF82F3 }
```

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

```
.background{ background-color:#CF82F3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor