

# Converting Colors

Hex(CF85FF)

Have a look what the booklet for  
Hex(CF85FF) contains.

<b>Hex(CF85FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(CF85FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	CF85FF
RGB	207, 133, 255
RGB Percent	81%, 52%, 100%
CMY	0.1882, 0.4784, 0.0000
CMYK	0.19, 0.48, 0.00, 0.00
HSL	276°, 100%, 76%
HSV	276°, 48%, 100%
XYZ	52.1697, 37.2605, 99.0501
YIQ	169.0340, 4.9420, 53.6300

# Conversions

## Conversions Part 2

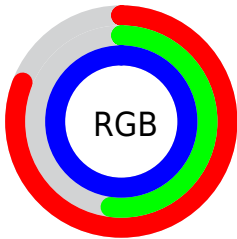
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 133, 255
Decimal	13600255
CIE <sub>Lab</sub>	67.47, 49.59, -49.87
CIE <sub>LCh</sub>	67, 70.330, 314.838
Yxy	37.2605, 0.2768, 0.1977
Android (android.graphics.Color)	4291790335 (0xFFCF85FF)
YUV	169.0340, 42.3812, 33.2962
Hunter-Lab	61.0413, 45.7346, -53.4793

# Details

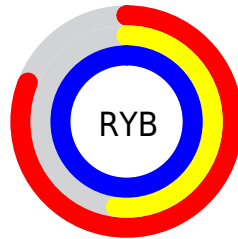
The Hex color **CF85FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B5FF85**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFBCFF**, and **9651C6** is the 20% darker color. If you saturate the color by 10%, you get **C56CFF**, and if you desaturate by 10%, it is **D99FFF**.

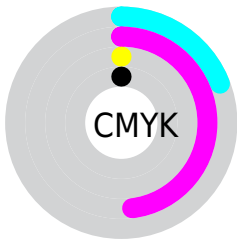
# Distribution



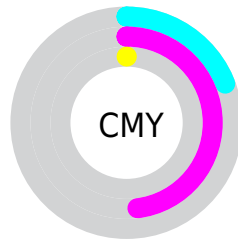
- Red (81%)
- Green (52%)
- Blue (100%)



- Red (81%)
- Yellow (52%)
- Blue (100%)



- Cyan (19%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (48%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF85FF 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 CF85FF by changing the saturation by 10% instead.



 CF85FF

 CF85FF

FFFFFF

 B26BE2

 FFBCFF

 9651C6

 FFD8FF

 7A37AA

 FFF5FF

 5F1C8F

 440075

 28005C

 0E0043

 00032C

 000116

 CF85FF

 CF85FF

 C56CFF

 D99FFF

 BB52FF

 E3B8FF

 B139FF

 EDD2FF

 A71FFF

 F7EBFF

 9D06FF

FFFFFF

 9B00FF

# Harmonies

## Analogous

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



5DA1FF



CF85FF



FF6BC7

# Triad

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



CF85FF



DE961A



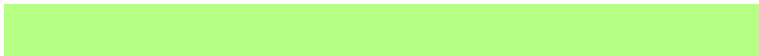
00C2C3

# Complementary

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



CF85FF



B5FF85

# 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.



00C081



CF85FF



A6AB0D

# Square

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



CF85FF



FF7B4D



5CB943



00BFFD

# Rectangle

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



CF85FF



FF649D



5CB943



00C2AD



# Sweetspot

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



CF85FF



F1DBFF



85B6FF



776A80



000000



808080



# Same Dimension

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



CF85FF



C66EFF



FF85F3



7A7380



7400BF



270040



# Inverse Universe

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



FF85B5



FF6EA7



85FF91



807378



BF004B



400019



# Previews

## White Background



This preview shows how the Hex color CF85FF looks on a white background.

## Color Contrast Check

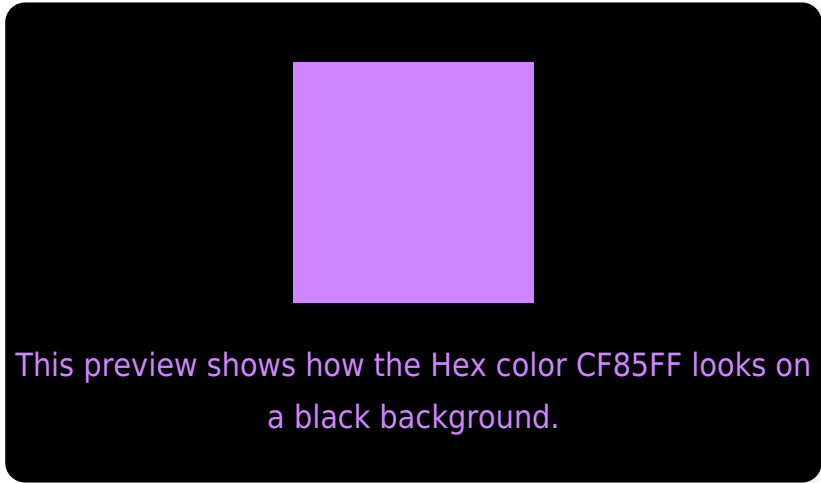
Large Text (above 18pt) WCAG AA × Fail

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 CF85FF Background



This preview shows how black text looks on a background with the Hex color CF85FF.

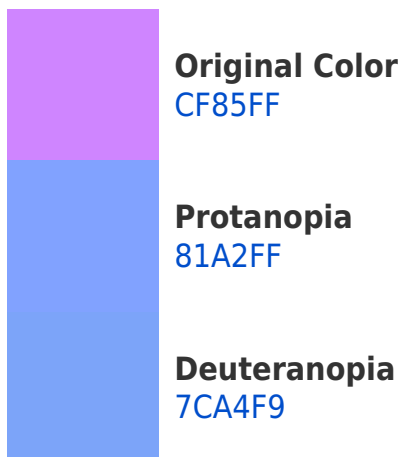


This preview shows how white text looks on a background with the Hex color CF85FF.

# 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](#).

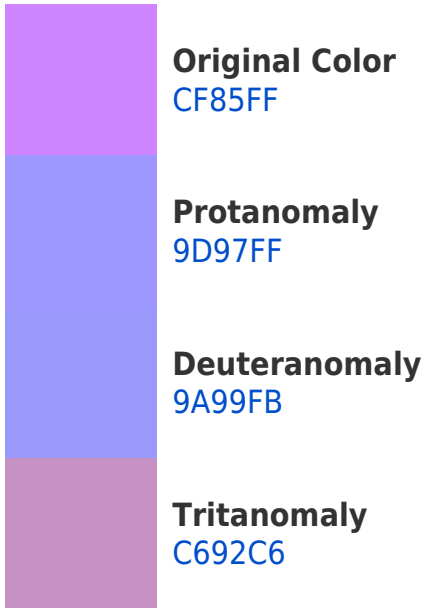
## Dichromacy



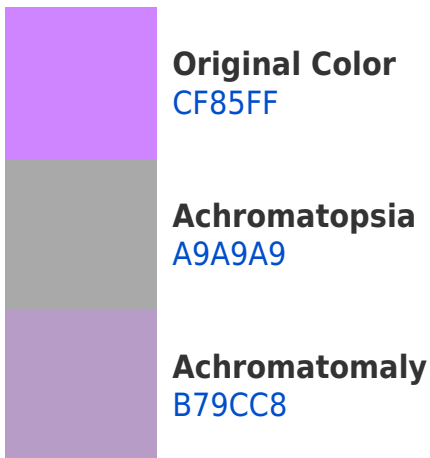


**Tritanopia**  
C19AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF85FF 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 #CF85FF looks like.

```
.text, #text, p{  
    color:#CF85FF  
}
```

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 #CF85FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF85FF }  
}
```

## Border

The CSS property to change the border of an element to Hex CF85FF 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 #CF85FF }  
}
```

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

```
.border{ border-color:#CF85FF }
```

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

Here you see how a box with a 4 pixel #CF85FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF85FF; -webkit-box-shadow:4px 4px  
4px 4px #CF85FF; box-shadow:4px 4px 4px  
4px #CF85FF }
```

# Background

The CSS property to change the background color of an element to Hex CF85FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF85FF }
```

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

```
.background{ background-color:#CF85FF }
```

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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