

Converting Colors

Hex(CF84CF)

Have a look what the booklet for
Hex(CF84CF) contains.

| | |
|--|----|
| Hex(CF84CF) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(CF84CF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CF84CF |
| RGB | 207, 132, 207 |
| RGB Percent | 81%, 52%, 81% |
| CMY | 0.1882, 0.4824, 0.1882 |
| CMYK | 0.00, 0.36, 0.00, 0.19 |
| HSL | 300°, 44%, 66% |
| HSV | 300°, 36%, 81% |
| XYZ | 45.2459, 34.2729, 63.2621 |
| YIQ | 162.9750, 20.6250, 39.2250 |

Conversions

Conversions Part 2

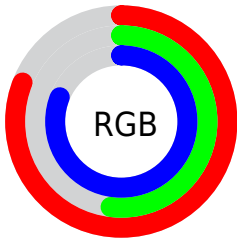
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 207, 132, 207 |
| Decimal | 13599951 |
| CIE _{Lab} | 65.18, 40.50, -26.92 |
| CIE _{LCh} | 65, 48.632, 326.383 |
| Yxy | 34.2729, 0.3169, 0.2400 |
| Android (android.graphics.Color) | 4291790031 (0xFFCF84CF) |
| YUV | 162.9750, 21.7043, 38.6099 |
| Hunter-Lab | 58.5431, 35.5060, -23.0891 |

Details

The Hex color **CF84CF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **84CF84**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFBAFF**, and **975098** is the 20% darker color. If you saturate the color by 10%, you get **CF6FCF**, and if you desaturate by 10%, it is **CF99CF**.

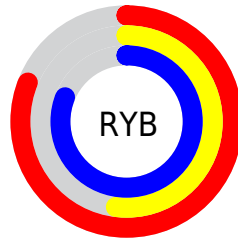
Distribution



Red (81%)

Green (52%)

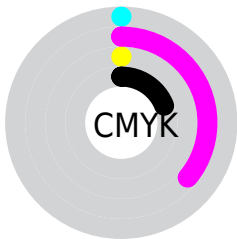
Blue (81%)



Red (81%)

Yellow (52%)

Blue (81%)

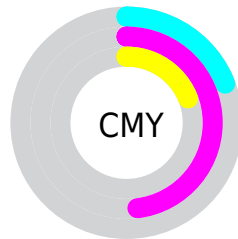


Cyan (0%)

Magenta (36%)

Yellow (0%)

Black (19%)



Cyan (19%)

Magenta (48%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF84CF 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 CF84CF by changing the saturation by 10% instead.

 CF84CF

 CF84CF

FFFFFF

 B36AB3

 FFBAFF

 975098

 FFD7FF

 7C377E

 FFF3FF

 621E65

 49004D

 310036

 180020

 000003

 000000

 CF84CF

 CF84CF

 CF6FCF

 CF99CF

 CF5BCF

 CFADCF

 CF46CF

 CFC2CF

 CF31CF

 CFD7CF

 CF1DCF

 CFECCF

 CF08CF

 CFFFCF

 CF00CF

Harmonies

Analogous

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



9995EC



CF84CF



EB7AA5

Triad

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



CF84CF



BC9A45



00B4C4

Complementary

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



CF84CF



84CF84

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.



00B497



CF84CF



91A74D

Square

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



CF84CF



DD8A57



5BB06C



00AFE6

Rectangle

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



CF84CF



F07A88



5BB06C



00B4B5

Sweetspot

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



CF84CF



FFE3FF



8484CF



806F80



000000



808080

Same Dimension

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



CF84CF



FF91FF



CF84AA



695E69



A800A8



290029

Inverse Universe

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



CF84CF



FF91FF



84CFAA



695E69



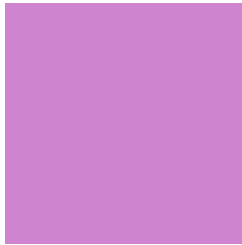
A800A8



290029

Previews

White Background



This preview shows how the Hex color CF84CF looks on a white background.

Color Contrast Check

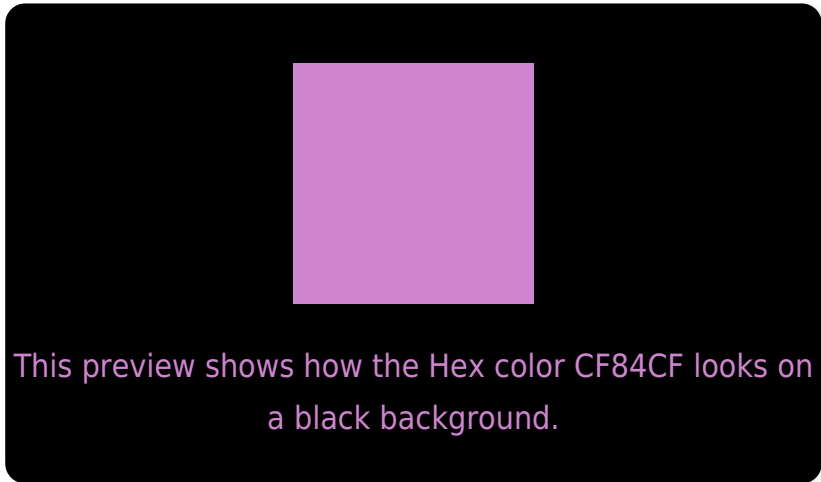
Large Text (above 18pt) WCAG AA × Fail

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 CF84CF Background



This preview shows how black text looks on a background with the Hex color CF84CF.

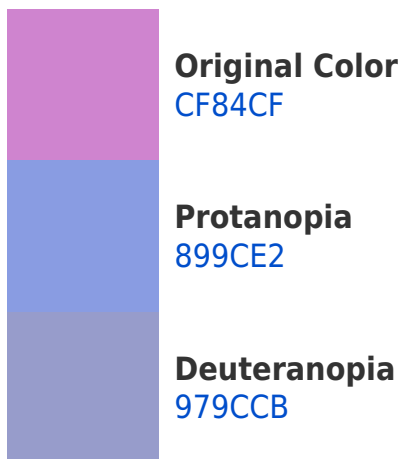


This preview shows how white text looks on a background with the Hex color CF84CF.

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](#).

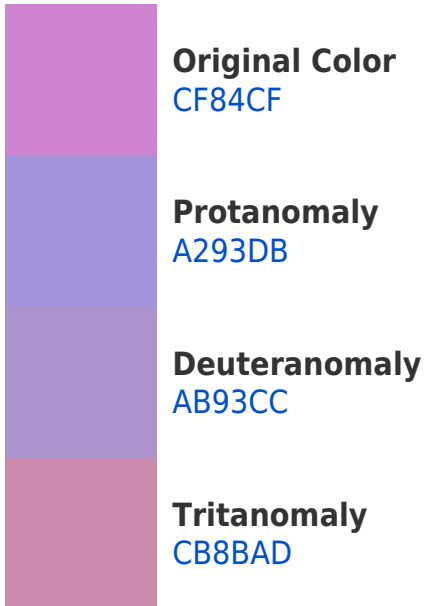
Dichromacy



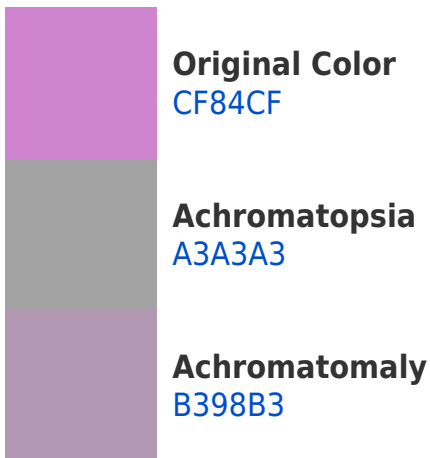


Tritanopia
C88F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF84CF 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 #CF84CF looks like.

```
.text, #text, p{  
    color:#CF84CF  
}
```

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 #CF84CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF84CF  
}
```

Border

The CSS property to change the border of an element to Hex CF84CF 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  
#CF84CF }
```

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

```
.border{ border-color:#CF84CF }
```

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

Here you see how a box with a 4 pixel #CF84CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF84CF; -webkit-box-shadow:4px 4px  
4px 4px #CF84CF; box-shadow:4px 4px 4px  
4px #CF84CF }
```

Background

The CSS property to change the background color of an element to Hex CF84CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF84CF }
```

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

```
.background{ background-color:#CF84CF }
```

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