

# Converting Colors

Hex(CF74C2)

Have a look what the booklet for  
Hex(CF74C2) contains.

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# Color

Hex(CF74C2)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CF74C2                     |
| RGB           | 207, 116, 194              |
| RGB Percent   | 81%, 45%, 76%              |
| CMY           | 0.1882, 0.5451, 0.2392     |
| CMYK          | 0.00, 0.44, 0.06, 0.19     |
| HSL           | 309°, 49%, 63%             |
| HSV           | 309°, 44%, 81%             |
| XYZ           | 41.7151, 29.6512, 54.5636  |
| YIQ           | 152.1010, 29.1980, 43.5500 |

# Conversions

## Conversions Part 2

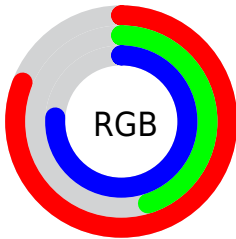
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 207, 116, 194                 |
| Decimal                             | 13595842                      |
| CIE <sub>Lab</sub>                  | 61.35, 46.56, -25.49          |
| CIE <sub>LCh</sub>                  | 61, 53.083, 331.298           |
| Yxy                                 | 29.6512, 0.3313,<br>0.2355    |
| Android<br>(android.graphics.Color) | 4291785922<br>(0xFFCF74C2)    |
| YUV                                 | 152.1010, 20.6562,<br>48.1464 |
| Hunter-Lab                          | 54.4529, 41.4520,<br>-21.2934 |

# Details

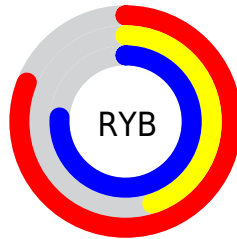
The Hex color **CF74C2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **74CF81**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFAAFB**, and **97408C** is the 20% darker color. If you saturate the color by 10%, you get **CF5FBF**, and if you desaturate by 10%, it is **CF89C5**.

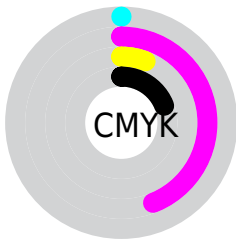
# Distribution



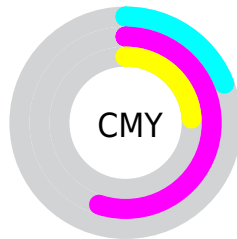
- Red (81%)
- Green (45%)
- Blue (76%)



- Red (81%)
- Yellow (45%)
- Blue (76%)



- Cyan (0%)
- Magenta (44%)
- Yellow (6%)
- Black (19%)



- Cyan (19%)
- Magenta (55%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF74C2 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 CF74C2 by changing the saturation by 10% instead.



 CF74C2

 CF74C2

FFFFFF

 B35AA7

 FFAAFB

 97408C

 FFC6FF

 7C2572

 FFE3FF

 61035A

 470042

 31002C

 0C0016

 000000

 CF74C2

 CF74C2

 CF5FBF

 CF89C5

 CF4BBC

 CF9DC8

 CF36B9

 CFB2CB

 CF21B6

 CFC7CE

 CF0DB3

 CFDCD1

 CF00B1

 CFF0D4

 CFFF7D

 CFFFDA

 CFFFDD

# Harmonies

## Analogous

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



9887E5



CF74C2



E86A94

# Triad

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



CF74C2



AC9230



00AAC4

# Complementary

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



CF74C2



74CF81

# 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.



00AB95



CF74C2



7CA03F

# Square

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



CF74C2



D18141



39A865



00A5E6

# Rectangle

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



CF74C2



EA6C75



39A865



00ABB5



# Sweetspot

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



CF74C2



FFDEFA



8074CF



806B7D



000000



808080



# Same Dimension

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



CF74C2



FF78EC



CF7495



695E67



A80090



290023



# Inverse Universe

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



CF74C2



FF78EC



74CFAE



695E67



A80090



290023



# Previews

## White Background



This preview shows how the Hex color CF74C2 looks on a white background.

## Color Contrast Check

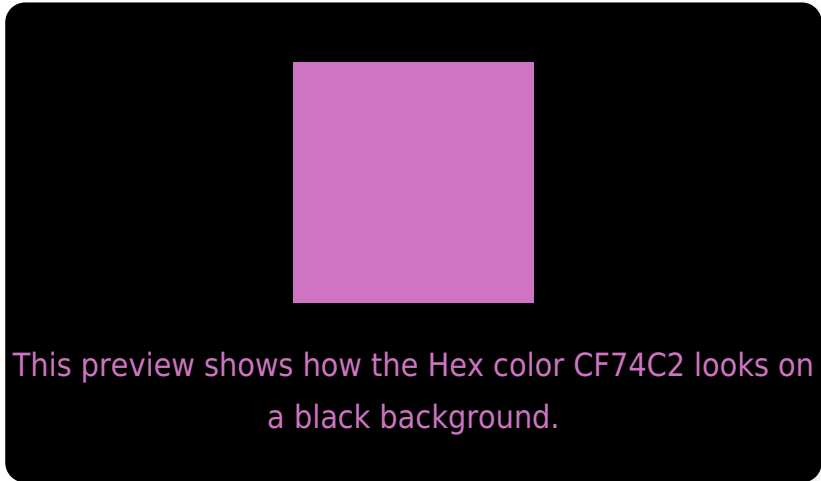
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF74C2 Background



This preview shows how black text looks on a background with the Hex color CF74C2.

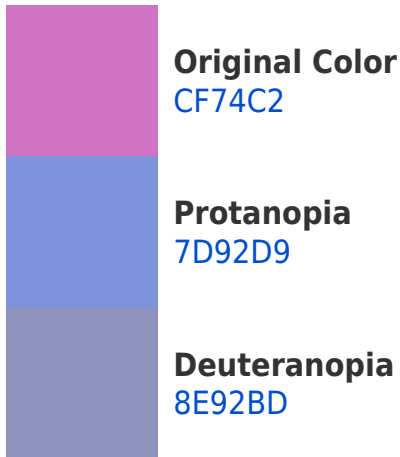


This preview shows how white text looks on a background with the Hex color CF74C2.

# 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**  
C8808A

# Trichromacy



**Original Color**  
CF74C2



**Protanomaly**  
9B87D1



**Deuteranomaly**  
A687BF

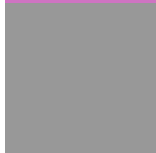


**Tritanomaly**  
CB7C9E

# Monochromacy



**Original Color**  
CF74C2



**Achromatopsia**  
989898



**Achromatomaly**  
AC8BA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF74C2 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 #CF74C2 looks like.

```
.text, #text, p{  
    color:#CF74C2  
}
```

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 #CF74C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF74C2
}
```

## Border

The CSS property to change the border of an element to Hex CF74C2 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
#CF74C2 }
```

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

```
.border{ border-color:#CF74C2 }
```

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

Here you see how a box with a 4 pixel #CF74C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF74C2; -webkit-box-shadow:4px 4px  
4px 4px #CF74C2; box-shadow:4px 4px 4px  
4px #CF74C2 }
```

# Background

The CSS property to change the background color of an element to Hex CF74C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF74C2 }
```

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

```
.background{ background-color:#CF74C2 }
```

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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