

# Converting Colors

Hex(CF7EC7)

Have a look what the booklet for  
Hex(CF7EC7) contains.

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# Color

Hex(CF7EC7)

# Conversions

## Conversions Part 1

Format	Color
Hex	CF7EC7
RGB	207, 126, 199
RGB Percent	81%, 49%, 78%
CMY	0.1882, 0.5059, 0.2196
CMYK	0.00, 0.39, 0.04, 0.19
HSL	306°, 46%, 65%
HSV	306°, 39%, 81%
XYZ	43.5018, 32.3106, 57.9766
YIQ	158.5410, 24.8430, 39.8750

# Conversions

## Conversions Part 2

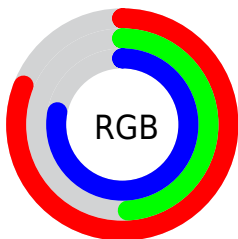
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 126, 199
Decimal	13598407
CIE <sub>Lab</sub>	63.60, 42.23, -24.86
CIE <sub>LCh</sub>	64, 49.003, 329.508
Yxy	32.3106, 0.3252, 0.2415
Android (android.graphics.Color)	4291788487 (0xFFCF7EC7)
YUV	158.5410, 19.9463, 42.4985
Hunter-Lab	56.8424, 37.1326, -20.6833

# Details

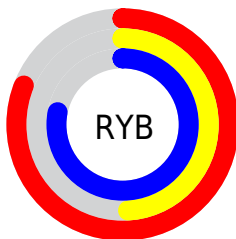
The Hex color **CF7EC7** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7ECF86**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB4FF**, and **974A91** is the 20% darker color. If you saturate the color by 10%, you get **CF69C5**, and if you desaturate by 10%, it is **CF93C9**.

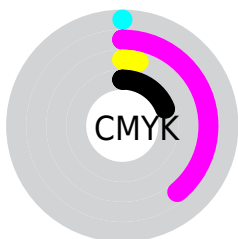
# Distribution



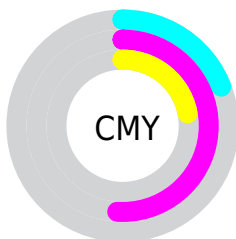
- Red (81%)
- Green (49%)
- Blue (78%)



- Red (81%)
- Yellow (49%)
- Blue (78%)



- Cyan (0%)
- Magenta (39%)
- Yellow (4%)
- Black (19%)



- Cyan (19%)
- Magenta (51%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF7EC7 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 CF7EC7 by changing the saturation by 10% instead.



 CF7EC7

 CF7EC7

FFFFFF

 B364AC

 FFB4FF

 974A91

 FFD0FF

 7C3177

 FFEDFF

 62165E

 480046

 310030

 14001A

 000000

 CF7EC7

 CF7EC7

 CF69C5

 CF93C9

 CF55C3

 CFA7CB

 CF40C1

 CFBCCD

 CF2BBF

 CFD1CF

 CF17BD

 CFE6D1

 CF02BB

 CFFAD3

 CF00BB

 CFFFD5

 CFFFD7

 CFFFD9

# Harmonies

## Analogous

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



9B8FE6



CF7EC7



E9759D

# Triad

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



CF7EC7



B4973F



00AFC4

# Complementary

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



CF7EC7



7ECF86

# 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.



00B098



CF7EC7



88A44B

# Square

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



CF7EC7



D6874F



4FAC6C



00AAE4

# Rectangle

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



CF7EC7



EC767F



4FAC6C



00B0B6



# Sweetspot

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



CF7EC7



FFE0FC



857ECF



806E7E



000000



808080



# Same Dimension

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



CF7EC7



FF87F3



CF7EA0



695E68



A80098



290025



# Inverse Universe

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



CF7EC7



FF87F3



7ECFAD



695E68



A80098



290025



# Previews

## White Background



This preview shows how the Hex color CF7EC7 looks on a white background.

## Color Contrast Check

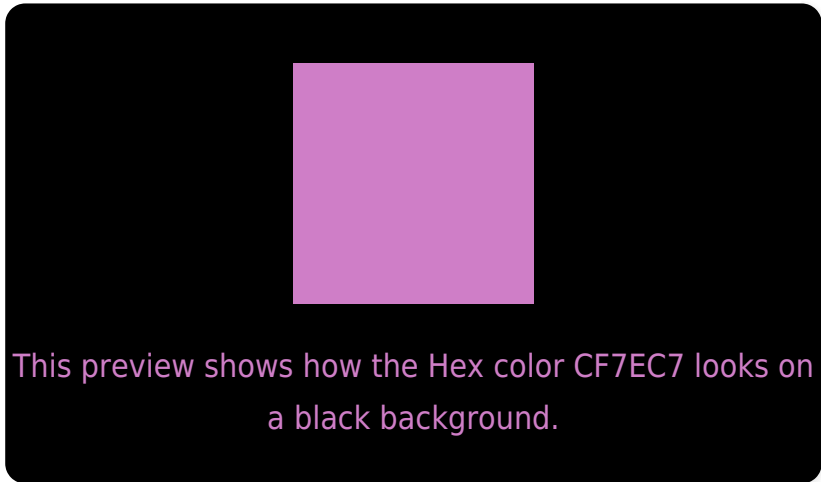
Large Text (above 18pt) WCAG AA × Fail

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 CF7EC7 Background



This preview shows how black text looks on a background with the Hex color CF7EC7.

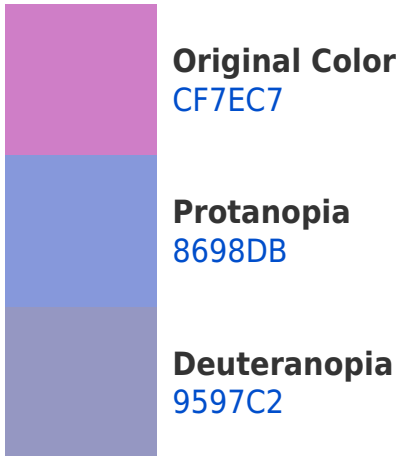


This preview shows how white text looks on a background with the Hex color CF7EC7.

# 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](#).

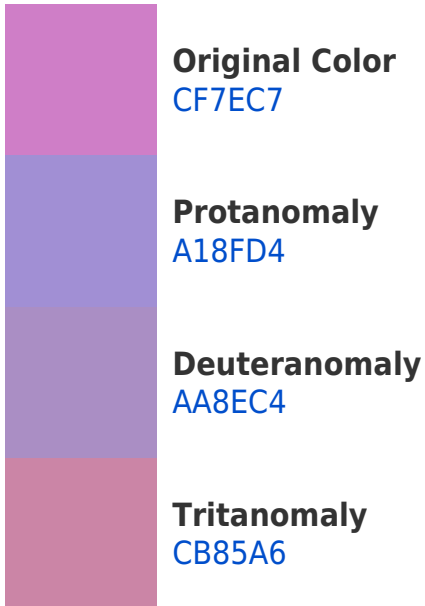
## Dichromacy



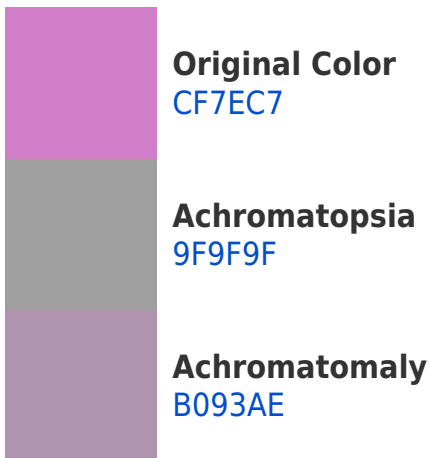


**Tritanopia**  
C98993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF7EC7 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 #CF7EC7 looks like.

```
.text, #text, p{  
    color:#CF7EC7  
}
```

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 #CF7EC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF7EC7
}
```

## Border

The CSS property to change the border of an element to Hex CF7EC7 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
#CF7EC7 }
```

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

```
.border{ border-color:#CF7EC7 }
```

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

Here you see how a box with a 4 pixel #CF7EC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF7EC7; -webkit-box-shadow:4px 4px  
4px 4px #CF7EC7; box-shadow:4px 4px 4px  
4px #CF7EC7 }
```

# Background

The CSS property to change the background color of an element to Hex CF7EC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF7EC7 }
```

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

```
.background{ background-color:#CF7EC7 }
```

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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