

# Converting Colors

Hex(CF96C7)

Have a look what the booklet for  
Hex(CF96C7) contains.

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# **Color**

**Hex(CF96C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF96C7
RGB	207, 150, 199
RGB Percent	81%, 59%, 78%
CMY	0.1882, 0.4118, 0.2196
CMYK	0.00, 0.28, 0.04, 0.19
HSL	308°, 37%, 70%
HSV	308°, 28%, 81%
XYZ	46.9473, 39.2016, 59.1251
YIQ	172.6290, 18.2430, 27.3230

# Conversions

## Conversions Part 2

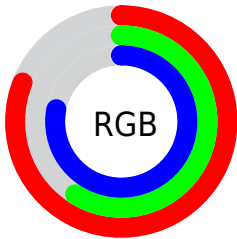
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 150, 199
Decimal	13604551
CIE <sub>Lab</sub>	68.90, 29.30, -16.79
CIE <sub>LCh</sub>	69, 33.775, 330.184
Yxy	39.2016, 0.3232, 0.2698
Android (android.graphics.Color)	4291794631 (0xFFCF96C7)
YUV	172.6290, 13.0009, 30.1434
Hunter-Lab	62.6112, 24.2737, -12.1610

# Details

The Hex color **CF96C7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **96CF9E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFCDFF**, and **986291** is the 20% darker color. If you saturate the color by 10%, you get **CF81C4**, and if you desaturate by 10%, it is **CFABCA**.

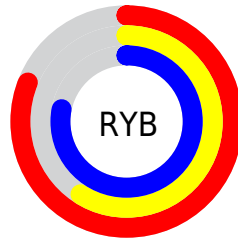
# Distribution



Red (81%)

Green (59%)

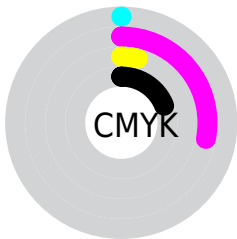
Blue (78%)



Red (81%)

Yellow (59%)

Blue (78%)

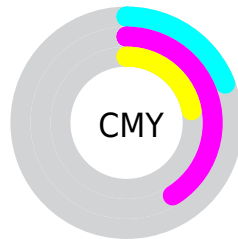


Cyan (0%)

Magenta (28%)

Yellow (4%)

Black (19%)



Cyan (19%)

Magenta (41%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF96C7 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 CF96C7 by changing the saturation by 10% instead.



 CF96C7

 CF96C7

FFFFFF

 B37CAC

 FFCDFD

 986291

 FFE9FF

 7D4A77

 64325E

 4B1B47

 330330

 20001C

 000000

 CF96C7

 CF96C7

 CF81C4

 CFABCA

 CF6DC1

 CFBFCD

 CF58BE

 CFD4D0

 CF43BB

 CFE9D3

 CF2FB8

 CFFED6

 CF1AB6

 CFFFD8

 CF05B3

 CFFFDB

 CF00B2

 CFFFDE

 CFFFE1

# Harmonies

## Analogous

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



ACA0DD



CF96C7



E291A9

# Triad

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



CF96C7



BDA66B



3AB8C6

# Complementary

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



CF96C7



96CF9E

# 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.



53B9A7



CF96C7



9DAF72

# Square

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



CF96C7



D69C74



79B689



4FB3DC

# Rectangle

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



CF96C7



E59295



79B689



3FB9BC



# Sweetspot

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



CF96C7



FFEBFC



9E96CF



80737E



000000



808080



# Same Dimension

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



CF96C7



FFABF3



CF96AB



695E67



A80091



290023



# Inverse Universe

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



CF96C7



FFABF3



96CFBA



695E67



A80091

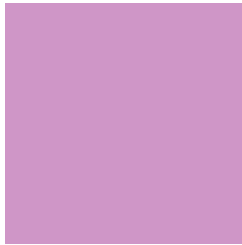


290023



# Previews

## White Background



This preview shows how the Hex color CF96C7 looks on a white background.

## Color Contrast Check

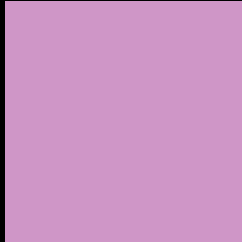
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color CF96C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

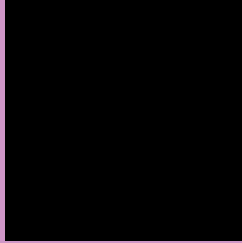
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CF96C7 Background



This preview shows how black text looks on a background with the Hex color CF96C7.

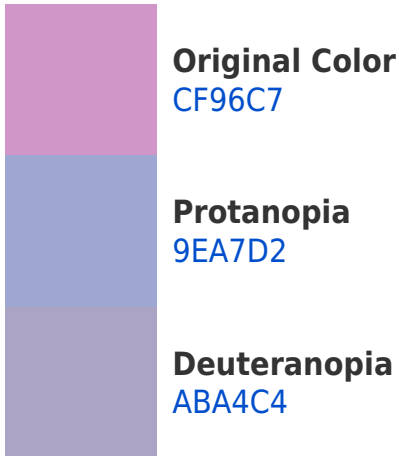


This preview shows how white text looks on a background with the Hex color CF96C7.

# 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](#).

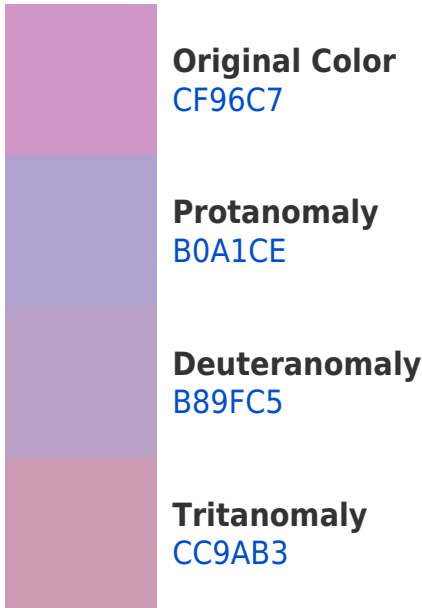
## Dichromacy



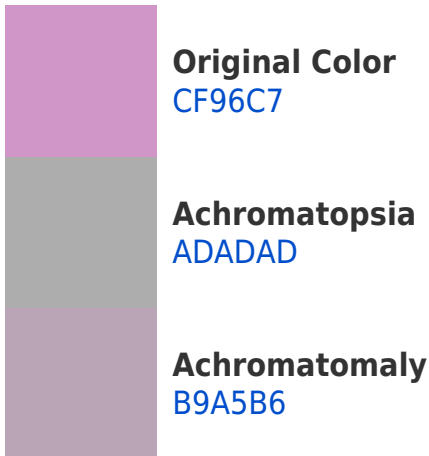


**Tritanopia**  
CB9CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF96C7 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 #CF96C7 looks like.

```
.text, #text, p{  
    color:#CF96C7  
}
```

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 #CF96C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF96C7  
}
```

## Border

The CSS property to change the border of an element to Hex CF96C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

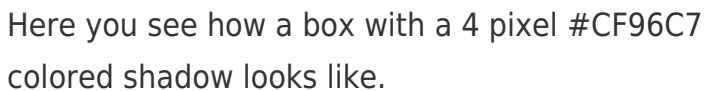
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CF96C7 }
```

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

```
.border{ border-color:#CF96C7 }
```

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



Here you see how a box with a 4 pixel `#CF96C7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF96C7; -webkit-box-shadow:4px 4px  
4px 4px #CF96C7; box-shadow:4px 4px 4px  
4px #CF96C7 }
```

# Background

The CSS property to change the background color of an element to Hex CF96C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF96C7 }
```

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

```
.background{ background-color:#CF96C7 }
```

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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