

# Converting Colors

Hex(CF7FA6)

Have a look what the booklet for  
Hex(CF7FA6) contains.

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# **Color**

**Hex(CF7FA6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF7FA6
RGB	207, 127, 166
RGB Percent	81%, 50%, 65%
CMY	0.1882, 0.5020, 0.3490
CMYK	0.00, 0.39, 0.20, 0.19
HSL	331°, 45%, 65%
HSV	331°, 39%, 81%
XYZ	40.2044, 31.1973, 39.9791
YIQ	155.3660, 35.1610, 29.0890

# Conversions

## Conversions Part 2

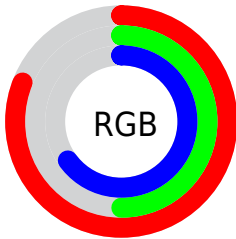
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 127, 166
Decimal	13598630
CIE Lab	62.67, 36.22, -7.57
CIE LCh	63, 37.003, 348.195
Yxy	31.1973, 0.3610, 0.2801
Android (android.graphics.Color)	4291788710 (0xFFCF7FA6)
YUV	155.3660, 5.2426, 45.2830
Hunter-Lab	55.8546, 30.7399, -3.3399

# Details

The Hex color **CF7FA6** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7FCFA8**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB5DD**, and **974C72** is the 20% darker color. If you saturate the color by 10%, you get **CF6A9B**, and if you desaturate by 10%, it is **CF94B1**.

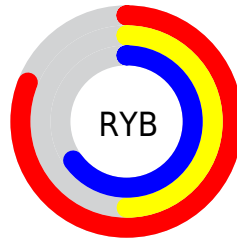
# Distribution



Red (81%)

Green (50%)

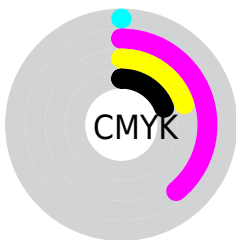
Blue (65%)



Red (81%)

Yellow (50%)

Blue (65%)

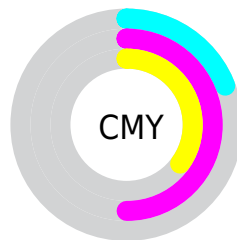


Cyan (0%)

Magenta (39%)

Yellow (20%)

Black (19%)



Cyan (19%)

Magenta (50%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF7FA6 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 CF7FA6 by changing the saturation by 10% instead.



 CF7FA6

 CF7FA6

FFFFFF

 B3658C

 FFB5DD

 974C72

 FFD1FA

 7C335A

 FFEEFF

 621A42

 48002C

 310018

 0C0000

 000000

 CF7FA6

 CF7FA6

 CF6A9B

 CF94B1

 CF5691

 CFA8BB

 CF4186

 CFBDC6

 CF2C7C

 CFD2D0

 CF1771

 CFE7DB

 CF0366

 CFFBE6

 CF0065

 CFFFF0

 CFFFFB

 CFFFFF

# Harmonies

## Analogous

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



B488C4



CF7FA6



D77E85

# Triad

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



CF7FA6



999C58



00A6C8

# Complementary

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



CF7FA6



7FCFA8

# 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.



00A9AB



CF7FA6



73A46B

# Square

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



CF7FA6



B89157



47A889



4D9FD7

# Rectangle

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



CF7FA6



D38371



47A889



00A7BF



# Sweetspot

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



CF7FA6



FFE0EF



A77FCF



806E76



000000



808080



# Same Dimension

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



CF7FA6



FF8AC3



CF7F7F



695E63



A80052



290014



# Inverse Universe

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



CF7FA6



FF8AC3



7FCFCF



695E63



A80052



290014



# Previews

## White Background



This preview shows how the Hex color CF7FA6 looks on a white background.

## Color Contrast Check

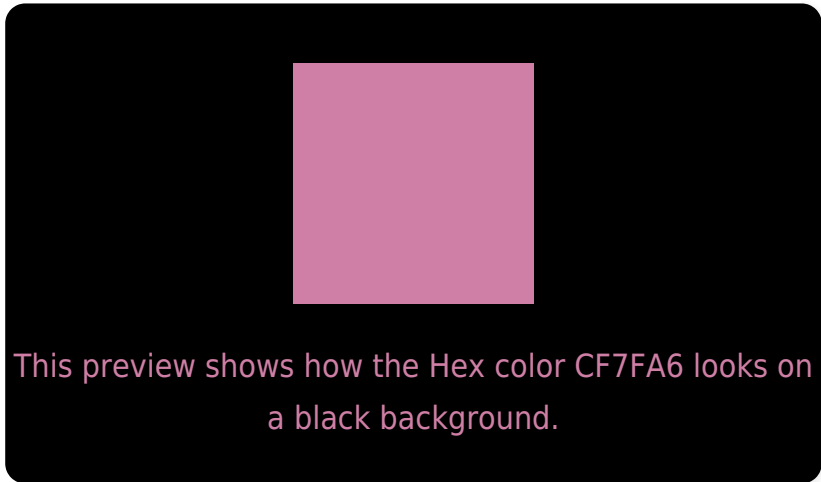
Large Text (above 18pt) WCAG AA × Fail

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 CF7FA6 Background



This preview shows how black text looks on a background with the Hex color CF7FA6.

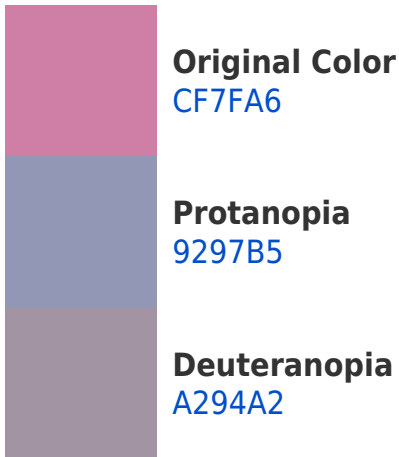



This preview shows how white text looks on a background with the Hex color CF7FA6.

# 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](#).

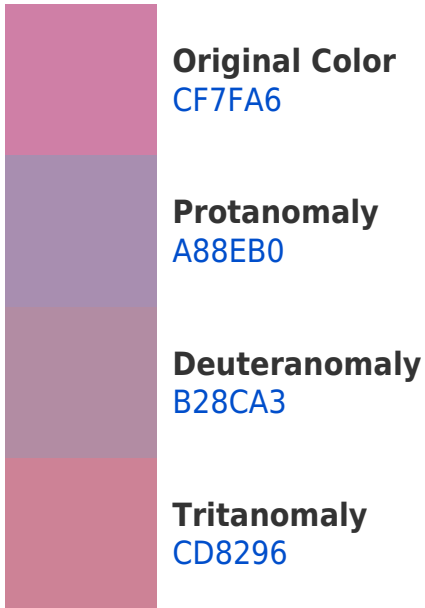
## Dichromacy



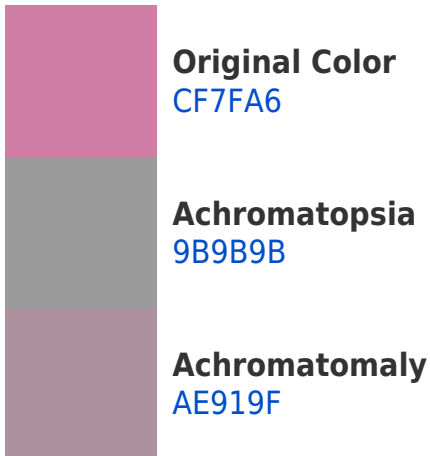


**Tritanopia**  
CC848D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF7FA6 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 #CF7FA6 looks like.

```
.text, #text, p{  
    color:#CF7FA6  
}
```

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 #CF7FA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF7FA6
}
```

## Border

The CSS property to change the border of an element to Hex CF7FA6 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
#CF7FA6 }
```

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

```
.border{ border-color:#CF7FA6 }
```

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

Here you see how a box with a 4 pixel #CF7FA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF7FA6; -webkit-box-shadow:4px 4px  
4px 4px #CF7FA6; box-shadow:4px 4px 4px  
4px #CF7FA6 }
```

# Background

The CSS property to change the background color of an element to Hex CF7FA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF7FA6 }
```

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

```
.background{ background-color:#CF7FA6 }
```

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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