

# Converting Colors

Hex(CF86A0)

Have a look what the booklet for  
Hex(CF86A0) contains.

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# **Color**

**Hex(CF86A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF86A0
RGB	207, 134, 160
RGB Percent	81%, 53%, 63%
CMY	0.1882, 0.4745, 0.3725
CMYK	0.00, 0.35, 0.23, 0.19
HSL	339°, 43%, 67%
HSV	339°, 35%, 81%
XYZ	40.6024, 32.8537, 37.4591
YIQ	158.7910, 35.1620, 23.5620

# Conversions

## Conversions Part 2

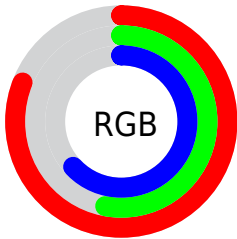
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 134, 160
Decimal	13600416
CIE <sub>Lab</sub>	64.04, 31.56, -2.14
CIE <sub>LCh</sub>	64, 31.629, 356.127
Yxy	32.8537, 0.3661, 0.2962
Android (android.graphics.Color)	4291790496 (0xFFCF86A0)
YUV	158.7910, 0.5960, 42.2793
Hunter-Lab	57.3181, 26.1372, 1.3749

# Details

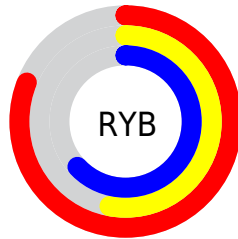
The Hex color **CF86A0** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86CFB5**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFBCD7**, and **97536D** is the 20% darker color. If you saturate the color by 10%, you get **CF7193**, and if you desaturate by 10%, it is **CF9BAD**.

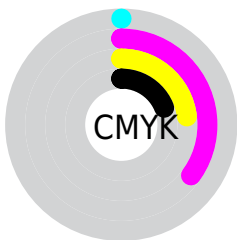
# Distribution



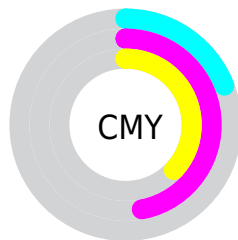
- Red (81%)
- Green (53%)
- Blue (63%)



- Red (81%)
- Yellow (53%)
- Blue (63%)



- Cyan (0%)
- Magenta (35%)
- Yellow (23%)
- Black (19%)



- Cyan (19%)
- Magenta (47%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF86A0 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 CF86A0 by changing the saturation by 10% instead.



 CF86A0

 CF86A0

FFFFFF

 B36C86

 FFBCD7

 97536D

 FFD8F3

 7C3B54

 FFF5FF

 62233D

 480928

 310013

 0F0000

 000000

 CF86A0

 CF86A0

 CF7193

 CF9BAD

 CF5D85

 CFAFBB

 CF4878

 CFC4C8

 CF336B

 CFD9D5

 CF1E5D

 CFEEE3

 CF0A50

 CFFFF0

 CF004A

 CFFFFD

 CFFFFF

# Harmonies

## Analogous

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



BC8CBB



CF86A0



D38784

# Triad

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



CF86A0



95A168



45A6C9

# Complementary

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



CF86A0



86CFB5

# 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.



38AAB3



CF86A0



74A77B

# Square

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



CF86A0



B29863



52AA96



6E9FD3

# Rectangle

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



CF86A0



CD8C74



52AA96



3BA8C3



# Sweetspot

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



CF86A0



FFE3ED



B486CF



806F75



000000



808080



# Same Dimension

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



CF86A0



FF94BA



CF9086



695E62



A8003C



29000F



# Inverse Universe

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



CF86A0



FF94BA



86C5CF



695E62



A8003C

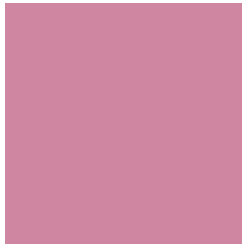


29000F



# Previews

## White Background



This preview shows how the Hex color CF86A0 looks on a white background.

## Color Contrast Check

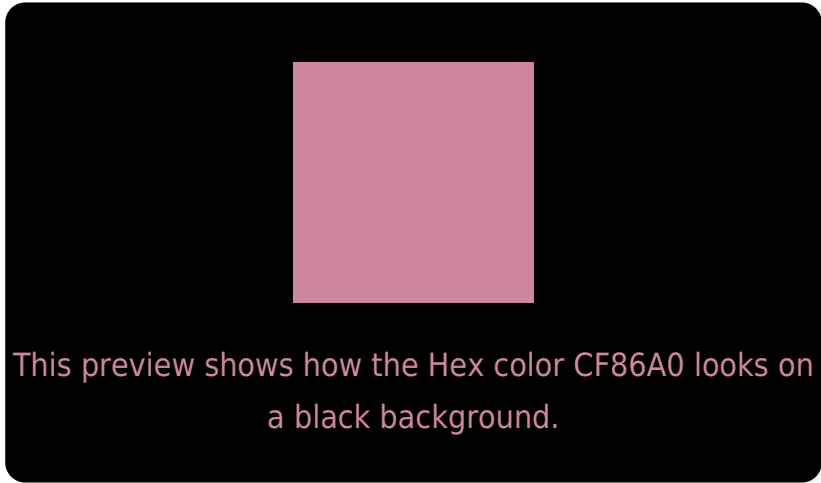
Large Text (above 18pt) WCAG AA × Fail

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 CF86A0 Background



This preview shows how black text looks on a background with the Hex color CF86A0.

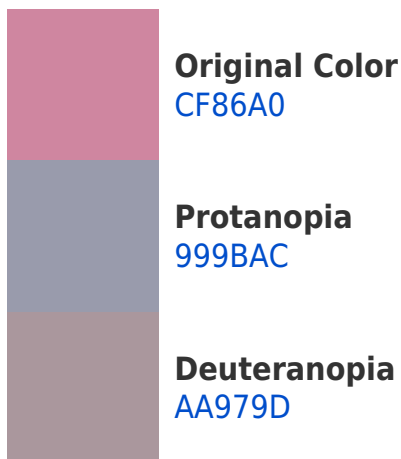


This preview shows how white text looks on a background with the Hex color CF86A0.

# 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





# Trichromacy



**Original Color**  
CF86A0

**Protanomaly**  
AD93A8

**Deuteranomaly**  
B7919E

**Tritanomaly**  
CE8798

# Monochromacy



**Original Color**  
CF86A0

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
B0969F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF86A0 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 #CF86A0 looks like.

```
.text, #text, p{  
    color:#CF86A0  
}
```

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 #CF86A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF86A0
}
```

## Border

The CSS property to change the border of an element to Hex CF86A0 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
#CF86A0 }
```

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

```
.border{ border-color:#CF86A0 }
```

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

Here you see how a box with a 4 pixel #CF86A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF86A0; -webkit-box-shadow:4px 4px  
4px 4px #CF86A0; box-shadow:4px 4px 4px  
4px #CF86A0 }
```

# Background

The CSS property to change the background color of an element to Hex CF86A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF86A0 }
```

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

```
.background{ background-color:#CF86A0 }
```

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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