

Converting Colors

Hex(CF76B0)

Have a look what the booklet for
Hex(CF76B0) contains.

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Color

Hex(CF76B0)

Conversions

Conversions Part 1

Format	Color
Hex	CF76B0
RGB	207, 118, 176
RGB Percent	81%, 46%, 69%
CMY	0.1882, 0.5373, 0.3098
CMYK	0.00, 0.43, 0.15, 0.19
HSL	321°, 48%, 64%
HSV	321°, 43%, 81%
XYZ	40.0470, 29.3569, 44.6300
YIQ	151.2230, 34.4260, 36.9060

Conversions

Conversions Part 2

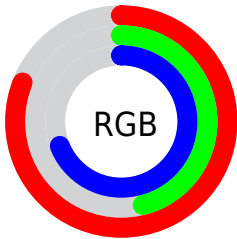
Format	Color
R _Y B	207, 118, 176
Decimal	13596336
CIE Lab	61.10, 42.53, -15.64
CIE LCh	61, 45.319, 339.808
Yxy	29.3569, 0.3512, 0.2574
Android (android.graphics.Color)	4291786416 (0xFFCF76B0)
YUV	151.2230, 12.2151, 48.9164
Hunter-Lab	54.1820, 37.1147, -10.9102

Details

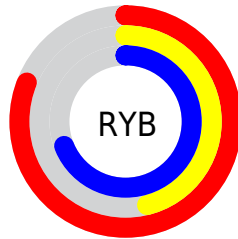
The Hex color **CF76B0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **76CF95**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFACE8**, and **97427B** is the 20% darker color. If you saturate the color by 10%, you get **CF61A9**, and if you desaturate by 10%, it is **CF8BB7**.

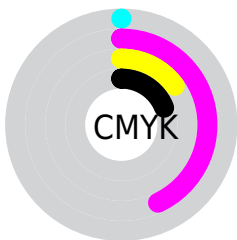
Distribution



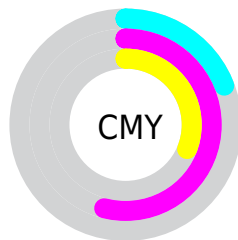
- Red (81%)
- Green (46%)
- Blue (69%)



- Red (81%)
- Yellow (46%)
- Blue (69%)



- Cyan (0%)
- Magenta (43%)
- Yellow (15%)
- Black (19%)



- Cyan (19%)
- Magenta (54%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF76B0 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 CF76B0 by changing the saturation by 10% instead.

 CF76B0

 CF76B0

FFFFFF

 B35C95

 FFACE8

 97427B

 FFC8FF

 7C2862

 FFE5FF

 610A4A

 470034

 31001F

 0A0001

 000000

 CF76B0

 CF76B0

 CF61A9

 CF8BB7

 CF4DA2

 CF9FBE

 CF389A

 CFB4C6

 CF2393

 CFC9CD

 CF0F8C

 CFDED4

 CF0087

 CFF2DB

 CFFFE2

 CFFFEA

 CFFFF1

Harmonies

Analogous

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



A884D1



CF76B0



DF7288

Triad

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



CF76B0



9F9541



00A6C6

Complementary

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



CF76B0



76CF95

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.



00A8A0



CF76B0



73A054

Square

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



CF76B0



C28848



37A676



009FDE

Rectangle

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



CF76B0



DD766E



37A676



00A7BA

Sweetspot

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



CF76B0



FFDEF3



9476CF



806B78



000000



808080

Same Dimension

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



CF76B0



FF7AD1



CF7685



695E65



A8006E



29001B

Inverse Universe

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



CF76B0



FF7AD1



76CFC0



695E65



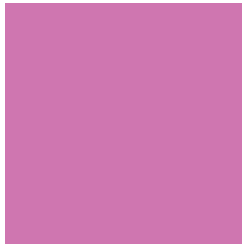
A8006E



29001B

Previews

White Background



This preview shows how the Hex color CF76B0 looks on a white background.

Color Contrast Check

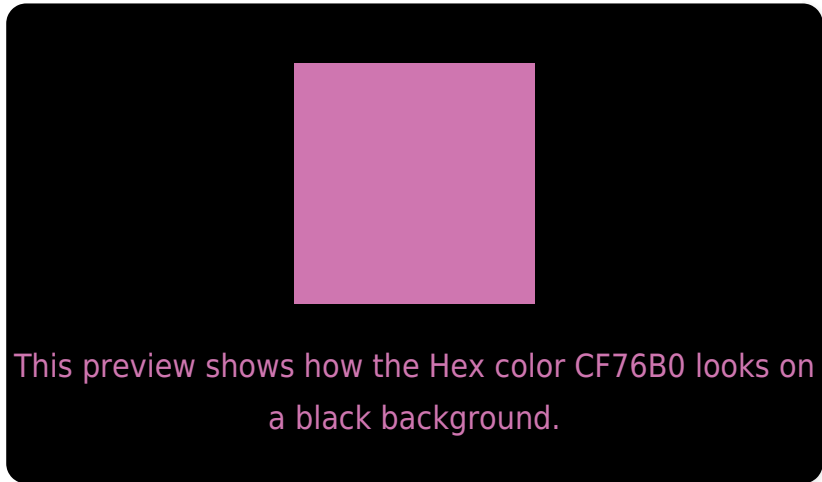
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF76B0 Background



This preview shows how black text looks on a background with the Hex color CF76B0.

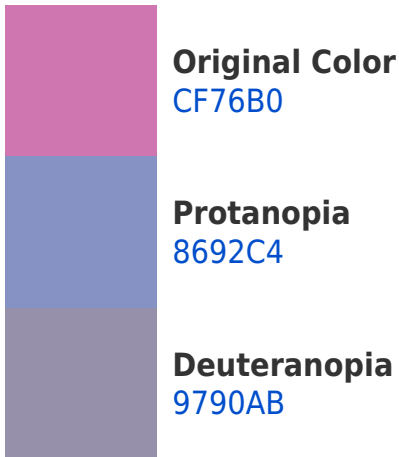


This preview shows how white text looks on a background with the Hex color CF76B0.

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](#).

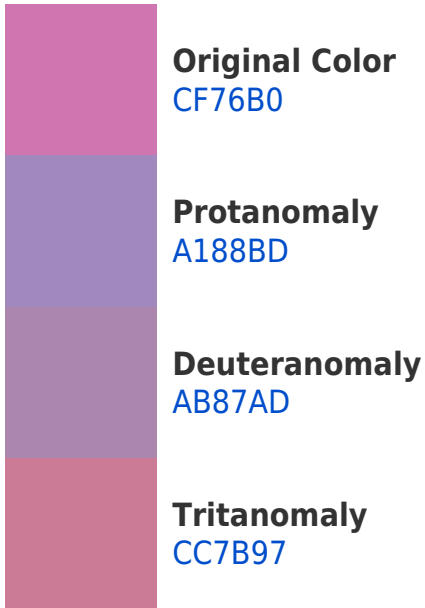
Dichromacy



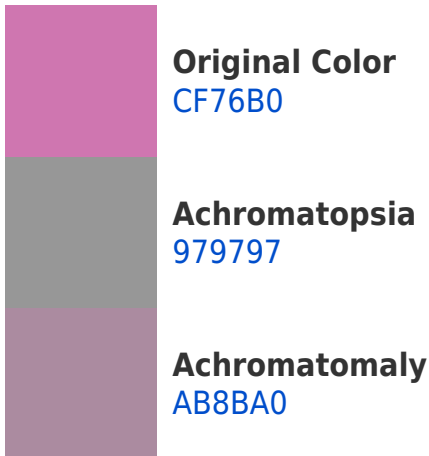


Tritanopia
CB7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF76B0 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 #CF76B0 looks like.

```
.text, #text, p{  
    color:#CF76B0  
}
```

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 #CF76B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF76B0
}
```

Border

The CSS property to change the border of an element to Hex CF76B0 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
#CF76B0 }
```

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

```
.border{ border-color:#CF76B0 }
```

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

Here you see how a box with a 4 pixel #CF76B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF76B0; -webkit-box-shadow:4px 4px  
4px 4px #CF76B0; box-shadow:4px 4px 4px  
4px #CF76B0 }
```

Background

The CSS property to change the background color of an element to Hex CF76B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF76B0 }
```

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

```
.background{ background-color:#CF76B0 }
```

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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