

# Converting Colors

Hex(C76EAF)

Have a look what the booklet for  
Hex(C76EAF) contains.

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# Color

Hex(C76EAF)

# Conversions

## Conversions Part 1

Format	Color
Hex	C76EAF
RGB	199, 110, 175
RGB Percent	78%, 43%, 69%
CMY	0.2196, 0.5686, 0.3137
CMYK	0.00, 0.45, 0.12, 0.22
HSL	316°, 44%, 61%
HSV	316°, 45%, 78%
XYZ	36.8670, 26.3891, 43.7079
YIQ	144.0210, 32.1790, 39.0830

# Conversions

## Conversions Part 2

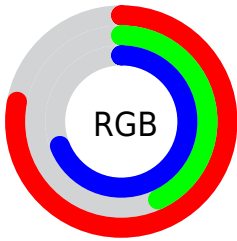
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 110, 175
Decimal	13069999
CIELab	58.40, 43.94, -19.25
CIELCh	58, 47.968, 336.338
Yxy	26.3891, 0.3447, 0.2467
Android (android.graphics.Color)	4291260079 (0xFFC76EAF)
YUV	144.0210, 15.2726, 48.2166
Hunter-Lab	51.3703, 38.2061, -14.4871

# Details

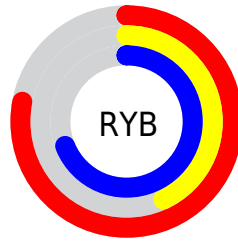
The Hex color **C76EAF** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6EC786**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA4E7**, and **8F3A7A** is the 20% darker color. If you saturate the color by 10%, you get **C75AAA**, and if you desaturate by 10%, it is **C782B4**.

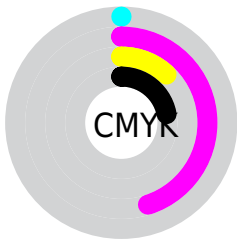
# Distribution



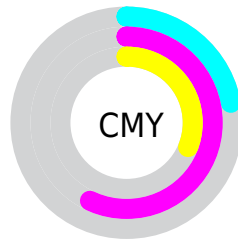
- Red (78%)
- Green (43%)
- Blue (69%)



- Red (78%)
- Yellow (43%)
- Blue (69%)



- Cyan (0%)
- Magenta (45%)
- Yellow (12%)
- Black (22%)



- Cyan (22%)
- Magenta (57%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C76EAF 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 C76EAF by changing the saturation by 10% instead.



 C76EAF

 C76EAF

FFFFFF

 AB5494

 FFA4E7

 8F3A7A

 FFC0FF

 742061

 FFDCFF

 5A0049

 FFF9FF

 400033

 2A001E

 000000

 C76EAF

 C76EAF

 C75AAA

 C782B4

 C746A4

 C796BA

 C7329F

 C7AABF

 C71E9A

 C7BEC4

 C70A94

 C7D2CA

 C70091

 C7E5CF

 C7F9D5

 C7FFDA

 C7FFDF

# Harmonies

## Analogous

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



9B7ED0



C76EAF



DA6885

# Triad

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



C76EAF



9C8D34



00A0BD

# Complementary

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



C76EAF



6EC786

# 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.



00A194



C76EAF



709846

# Square

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



C76EAF



BF7E3F



2F9F69



009AD9

# Rectangle

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



C76EAF



D96B6A



2F9F69



00A1B0



# Sweetspot

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



C76EAF



FFDEF6



866EC7



806B7A



000000



808080



# Same Dimension

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



C76EAF



FF75DA



C76E83



635A61



A30077



24001A



# Inverse Universe

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



C76EAF



FF75DA



6EC7B2



635A61



A30077

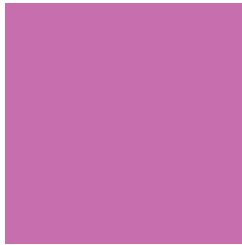


24001A



# Previews

## White Background



This preview shows how the Hex color C76EAF looks on a white background.

## Color Contrast Check

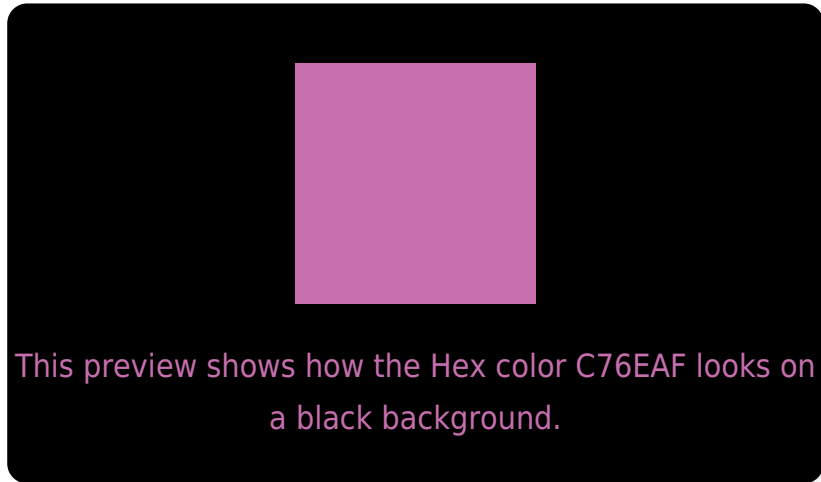
Large Text (above 18pt) WCAG AA ✓ Pass

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

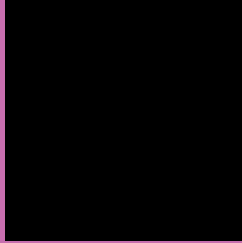
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C76EAF Background



This preview shows how black text looks on a background with the Hex color C76EAF.

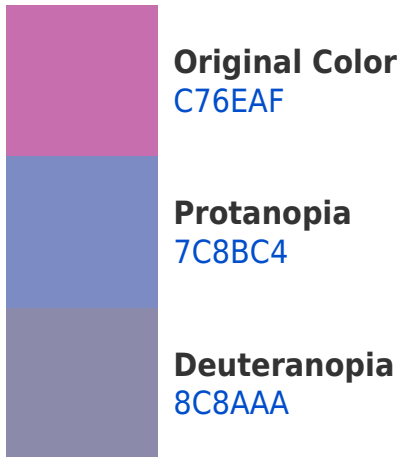


This preview shows how white text looks on a background with the Hex color C76EAF.

# 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](#).

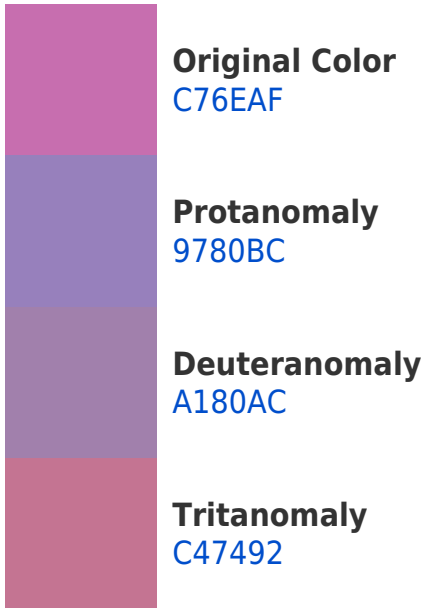
## Dichromacy



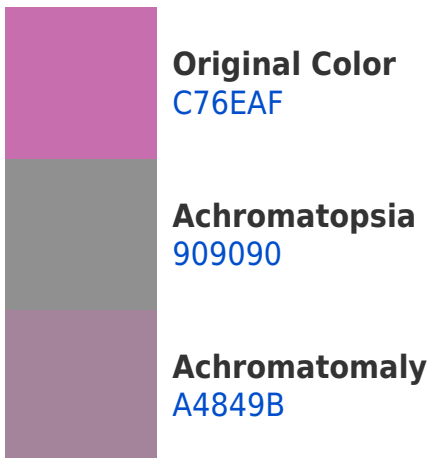


**Tritanopia**  
C27881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C76EAF 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 #C76EAF looks like.

```
.text, #text, p{  
    color:#C76EAF  
}
```

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 #C76EAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76EAF
}
```

## Border

The CSS property to change the border of an element to Hex C76EAF is called "border". The border property can be set on classes, ids or directly on the HTML element.

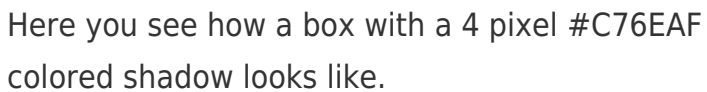
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C76EAF }
```

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

```
.border{ border-color:#C76EAF }
```

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



Here you see how a box with a 4 pixel `#C76EAF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76EAF; -webkit-box-shadow:4px 4px  
4px 4px #C76EAF; box-shadow:4px 4px 4px  
4px #C76EAF }
```

# Background

The CSS property to change the background color of an element to Hex C76EAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76EAF }
```

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

```
.background{ background-color:#C76EAF }
```

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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