

# Converting Colors

Hex(C76BBF)

Have a look what the booklet for  
Hex(C76BBF) contains.

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# **Color**

**Hex(C76BBF)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C76BBF                     |
| RGB           | 199, 107, 191              |
| RGB Percent   | 78%, 42%, 75%              |
| CMY           | 0.2196, 0.5804, 0.2510     |
| CMYK          | 0.00, 0.46, 0.04, 0.22     |
| HSL           | 305°, 45%, 60%             |
| HSV           | 305°, 46%, 78%             |
| XYZ           | 38.2149, 26.4191, 52.3755  |
| YIQ           | 144.0840, 27.8680, 45.6280 |

# Conversions

## Conversions Part 2

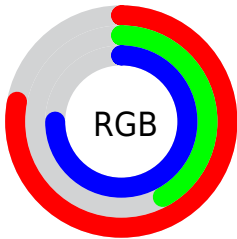
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 199, 107, 191                 |
| Decimal                             | 13069247                      |
| CIE Lab                             | 58.43, 48.20, -28.37          |
| CIE LCh                             | 58, 55.935, 329.518           |
| Yxy                                 | 26.4191, 0.3266,<br>0.2258    |
| Android<br>(android.graphics.Color) | 4291259327<br>(0xFFC76BBF)    |
| YUV                                 | 144.0840, 23.1296,<br>48.1613 |
| Hunter-Lab                          | 51.3995, 42.7633,<br>-24.4361 |

# Details

The Hex color **C76BBF** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6BC773**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA1F8**, and **8F3689** is the 20% darker color. If you saturate the color by 10%, you get **C757BD**, and if you desaturate by 10%, it is **C77FC1**.

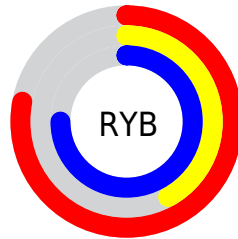
# Distribution



Red (78%)

Green (42%)

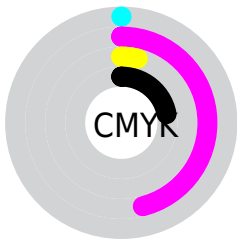
Blue (75%)



Red (78%)

Yellow (42%)

Blue (75%)

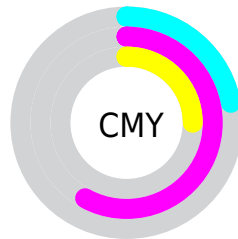


Cyan (0%)

Magenta (46%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C76BBF 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 C76BBF by changing the saturation by 10% instead.



 C76BBF

 C76BBF

FFFFFF

 AB51A4

 FFA1F8

 8F3689

 FFBDFE

 741A70

 FFD9FF

 5A0057

 FFF6FF

 40003F

 2A0029

 000112

 000000

 C76BBF

 C76BBF

 C757BD

 C77FC1

 C743BC

 C793C2

 C72FBA

 C7A7C4

 C71BB8

 C7BBC6

 C708B6

 C7CFC8

 C700B6

 C7E2C9

 C7F6CB

 C7FFCD

 C7FFCF

# Harmonies

## Analogous

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



8B80E2



C76BBF



E35F8F

# Triad

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



C76BBF



A78A20



00A3BB

# Complementary

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



C76BBF



6BC773

# 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.



00A48A



C76BBF



769830

# Square

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



C76BBF



CD7737



2CA058



009EE0

# Rectangle

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



C76BBF



E6616F



2CA058



00A4AC



# Sweetspot

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



C76BBF



FFDBFC



736BC7



806A7E



000000



808080



# Same Dimension

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



C76BBF



FF73F3



C76B91



635A63



A30095



240021



# Inverse Universe

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



C76BBF



FF73F3



6BC7A1



635A63



A30095



240021



# Previews

## White Background



This preview shows how the Hex color C76BBF looks on a white background.

## Color Contrast Check

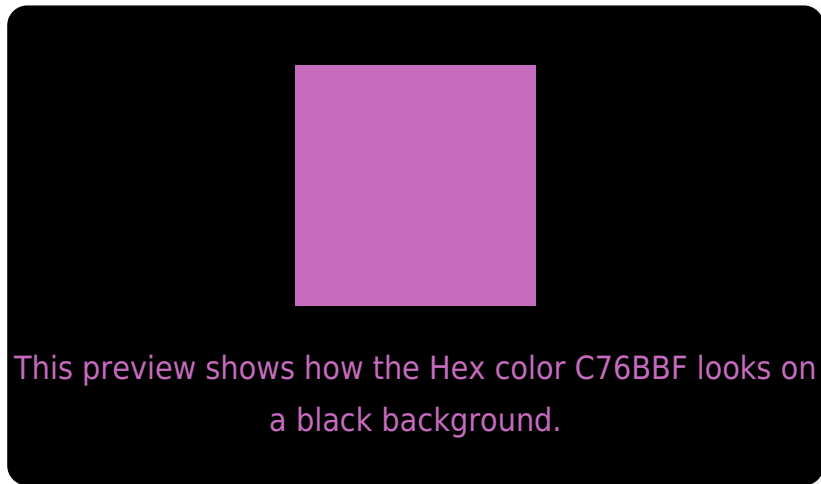
Large Text (above 18pt) WCAG AA ✓ Pass

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

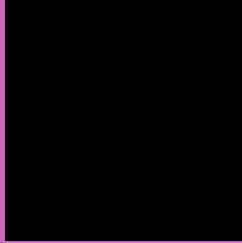
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C76BBF Background



This preview shows how black text looks on a background with the Hex color C76BBF.

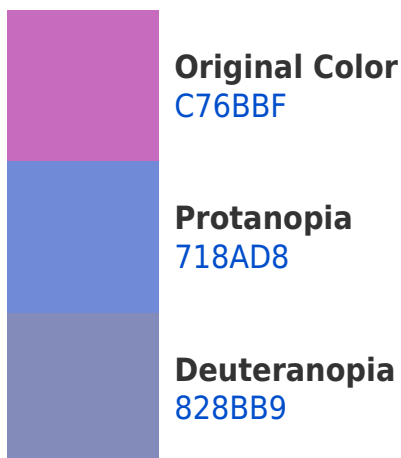


This preview shows how white text looks on a background with the Hex color C76BBF.

# 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](#).

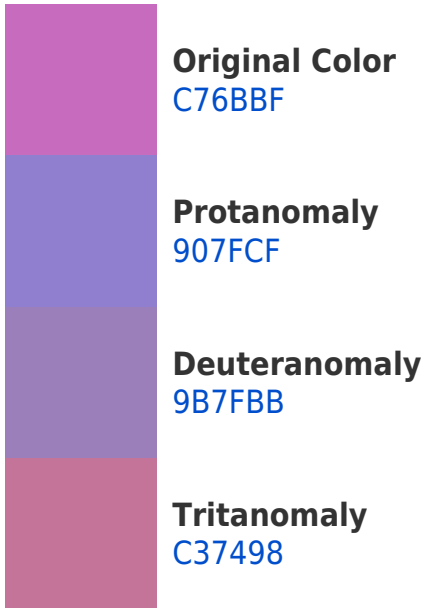
## Dichromacy



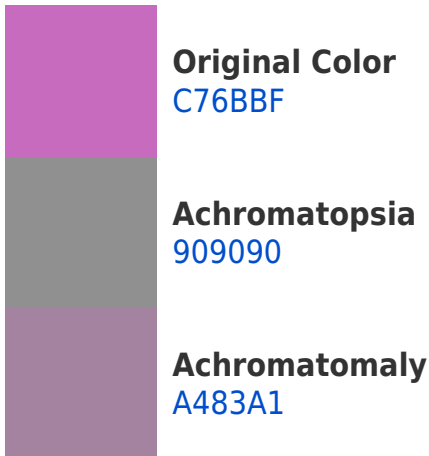


**Tritanopia**  
C07982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C76BBF 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 #C76BBF looks like.

```
.text, #text, p{  
    color:#C76BBF  
}
```

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 #C76BBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76BBF
}
```

## Border

The CSS property to change the border of an element to Hex C76BBF is called "border". The border property can be set on classes, ids or directly on the HTML element.

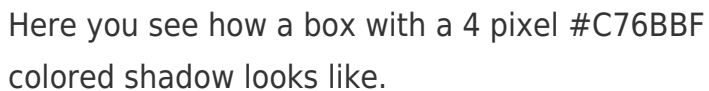
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C76BBF }
```

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

```
.border{ border-color:#C76BBF }
```

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



Here you see how a box with a 4 pixel `#C76BBF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76BBF; -webkit-box-shadow:4px 4px  
4px 4px #C76BBF; box-shadow:4px 4px 4px  
4px #C76BBF }
```

# Background

The CSS property to change the background color of an element to Hex C76BBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76BBF }
```

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

```
.background{ background-color:#C76BBF }
```

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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