

# Converting Colors

Hex(C076D8)

Have a look what the booklet for  
Hex(C076D8) contains.

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# **Color**

**Hex(C076D8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C076D8
RGB	192, 118, 216
RGB Percent	75%, 46%, 85%
CMY	0.2471, 0.5373, 0.1529
CMYK	0.11, 0.45, 0.00, 0.15
HSL	285°, 56%, 65%
HSV	285°, 45%, 85%
XYZ	40.6113, 29.1212, 68.4462
YIQ	151.2980, 12.6460, 46.1660

# Conversions

## Conversions Part 2

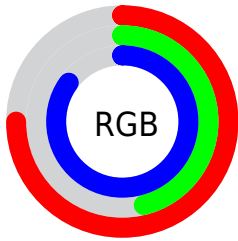
Format	Color
<a href="#">RYB</a>	<a href="#">192, 118, 216</a>
Decimal	<a href="#">12613336</a>
CIELab	<a href="#">60.89, 45.18, -38.76</a>
CIElCh	<a href="#">61, 59.527, 319.372</a>
Yxy	<a href="#">29.1212, 0.2939, 0.2108</a>
Android (android.graphics.Color)	<a href="#">4290803416 (0xFFC076D8)</a>
YUV	<a href="#">151.2980, 31.8981, 35.6957</a>
Hunter-Lab	<a href="#">53.9641, 39.8953, -37.4266</a>

# Details

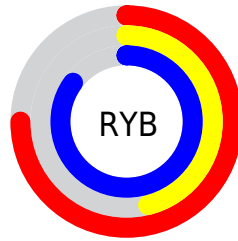
The Hex color **C076D8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8ED876**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FAACFF**, and **8843A1** is the 20% darker color. If you saturate the color by 10%, you get **BB60D8**, and if you desaturate by 10%, it is **C58CD8**.

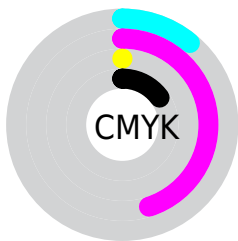
# Distribution



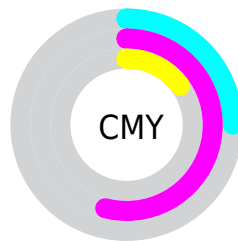
- Red (75%)
- Green (46%)
- Blue (85%)



- Red (75%)
- Yellow (46%)
- Blue (85%)



- Cyan (11%)
- Magenta (45%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (54%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C076D8 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 C076D8 by changing the saturation by 10% instead.



 C076D8

 C076D8

FFFFFF

 A45CBC

 FAACFF

 8843A1

 FFC8FF

 6E2986

 FFE4FF

 530C6C

 3A0054

 24003C

 000025

 00010E

 000000

 C076D8

 C076D8

 BB60D8

 C58CD8

 B54BD8

 CBA1D8

 B035D8

 D0B7D8

 AB20D8

 D5CCD8

 A60AD8

 DAE2D8

 A300D8

 E0F8D8

 E5FFD8

 EAFFD8

 F0FFD8

# Harmonies

## Analogous

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



708DF7



C076D8



E964A8

# Triad

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



C076D8



BE8A22



00ACB4

# Complementary

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



C076D8



8ED876

# 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.



00AB7E



C076D8



8D9B24

# Square

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



C076D8



E27544



4DA54A



00A8E2

# Rectangle

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



C076D8



F26184



4DA54A



00ACA2



# Sweetspot

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



C076D8



F6DBFF



768FD8



7A6A80



000000



808080



# Same Dimension

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



C076D8



DD75FF



D876C0



68606B



8100AB



21002B



# Inverse Universe

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



D8768E



FF7597



76D88F



6B6063



AB002A

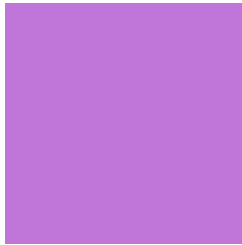


2B000B



# Previews

## White Background



This preview shows how the Hex color C076D8 looks on a white background.

## Color Contrast Check

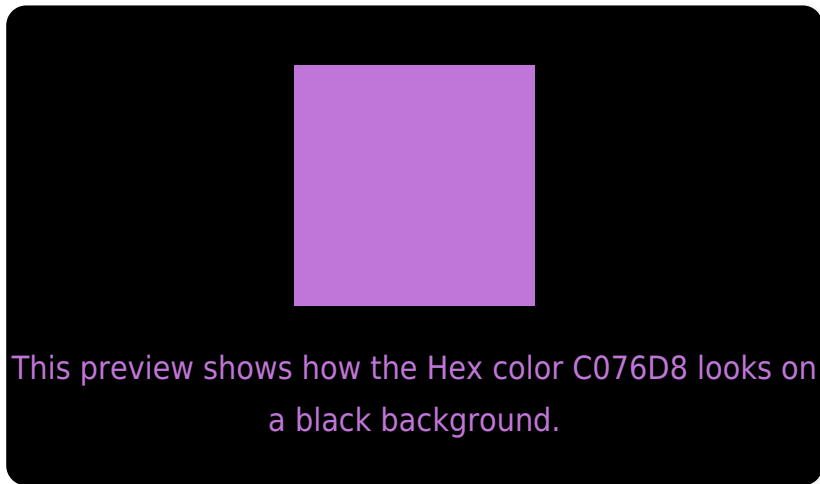
Large Text (above 18pt) WCAG AA ✓ Pass

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

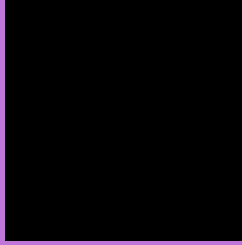
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C076D8 Background



This preview shows how black text looks on a background with the Hex color C076D8.

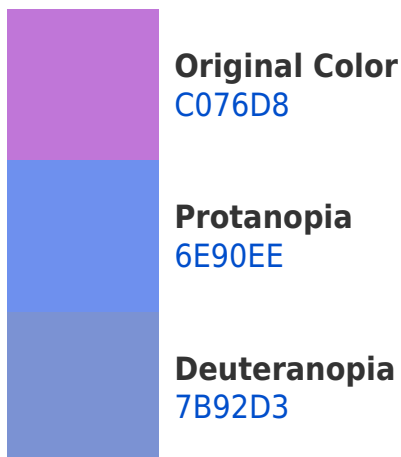



This preview shows how white text looks on a background with the Hex color C076D8.

# 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](#).

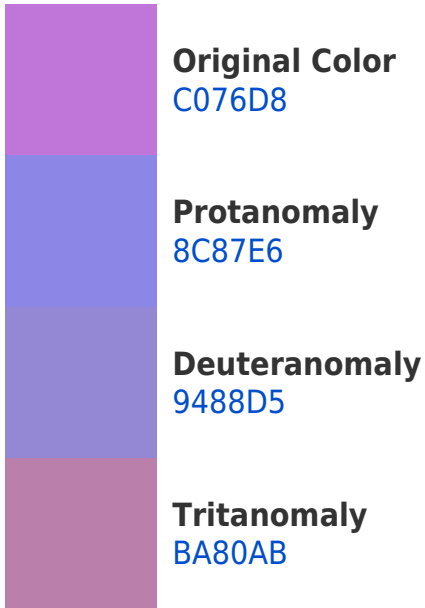
## Dichromacy



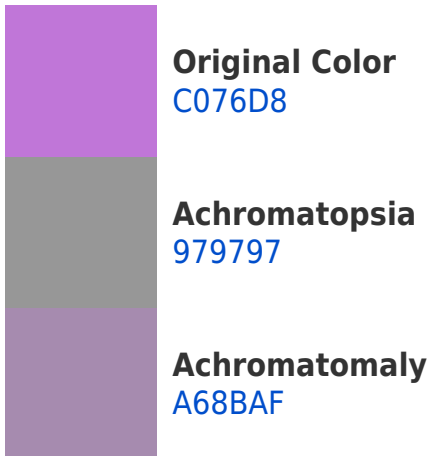


**Tritanopia**  
B68691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C076D8 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 #C076D8 looks like.

```
.text, #text, p{  
    color:#C076D8  
}
```

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 #C076D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C076D8
}
```

## Border

The CSS property to change the border of an element to Hex C076D8 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
#C076D8 }
```

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

```
.border{ border-color:#C076D8 }
```

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

Here you see how a box with a 4 pixel #C076D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C076D8; -webkit-box-shadow:4px 4px  
4px 4px #C076D8; box-shadow:4px 4px 4px  
4px #C076D8 }
```

# Background

The CSS property to change the background color of an element to Hex C076D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C076D8 }
```

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

```
.background{ background-color:#C076D8 }
```

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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