

# Converting Colors

Hex(C370C2)

Have a look what the booklet for  
Hex(C370C2) contains.

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# **Color**

**Hex(C370C2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C370C2
RGB	195, 112, 194
RGB Percent	76%, 44%, 76%
CMY	0.2353, 0.5608, 0.2392
CMYK	0.00, 0.43, 0.01, 0.24
HSL	301°, 41%, 60%
HSV	301°, 43%, 76%
XYZ	38.0375, 27.0855, 54.2622
YIQ	146.1650, 23.1460, 43.0980

# Conversions

## Conversions Part 2

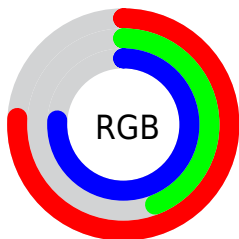
Format	Color
R <sub>Y</sub> B	195, 112, 194
Decimal	12808386
CIE <sub>Lab</sub>	59.05, 44.96, -29.16
CIE <sub>LCh</sub>	59, 53.588, 327.029
Yxy	27.0855, 0.3186, 0.2269
Android (android.graphics.Color)	4290998466 (0xFFC370C2)
YUV	146.1650, 23.5827, 42.8283
Hunter-Lab	52.0437, 39.3847, -25.3867

# Details

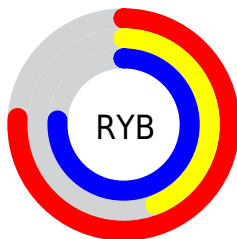
The Hex color **C370C2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **70C371**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FDA6FB**, and **8B3C8C** is the 20% darker color. If you saturate the color by 10%, you get **C35CC2**, and if you desaturate by 10%, it is **C384C2**.

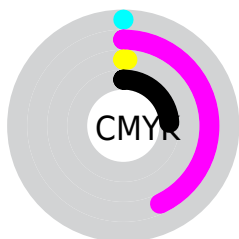
# Distribution



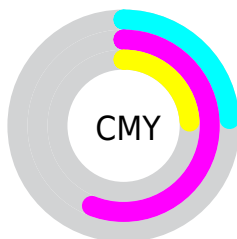
- Red (76%)
- Green (44%)
- Blue (76%)



- Red (76%)
- Yellow (44%)
- Blue (76%)



- Cyan (0%)
- Magenta (43%)
- Yellow (1%)
- Black (24%)



- Cyan (24%)
- Magenta (56%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C370C2 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 C370C2 by changing the saturation by 10% instead.



 C370C2

 C370C2

FFFFFF

 A756A7

 FDA6FB

 8B3C8C

 FFC2FF

 712272

 FFDEFF

 570159

 FFFBFF

 3D0042

 28002B

 000115

 000000

 C370C2

 C370C2

 C35CC2

 C384C2

 C349C2

 C397C2

 C335C1

 C3ABC3

 C322C1

 C3BEC3

 C30EC1

 C3D1C3

 C300C1

 C3E5C3

 C3F8C4

 C3FFC4

# Harmonies

## Analogous

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



8784E2



C370C2



E06495

# Triad

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



C370C2



AC8A29



00A5B8

# Complementary

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



C370C2



70C371

# 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.



00A588



C370C2



7D9834

# Square

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



C370C2



CF783F



3EA159



00A0DC

# Rectangle

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



C370C2



E56475



3EA159



00A5A8



# Sweetspot

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



C370C2



FCDCFC



7070C3



806B7F



000000



808080



# Same Dimension

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



C370C2



FC7CFB



C3709A



615761



A1009F



210021



# Inverse Universe

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



C370C2



FC7CFB



70C39A



615761



A1009F

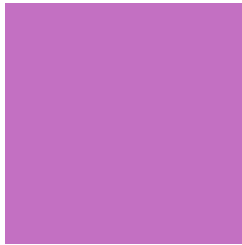


210021



# Previews

## White Background



This preview shows how the Hex color C370C2 looks on a white background.

## Color Contrast Check

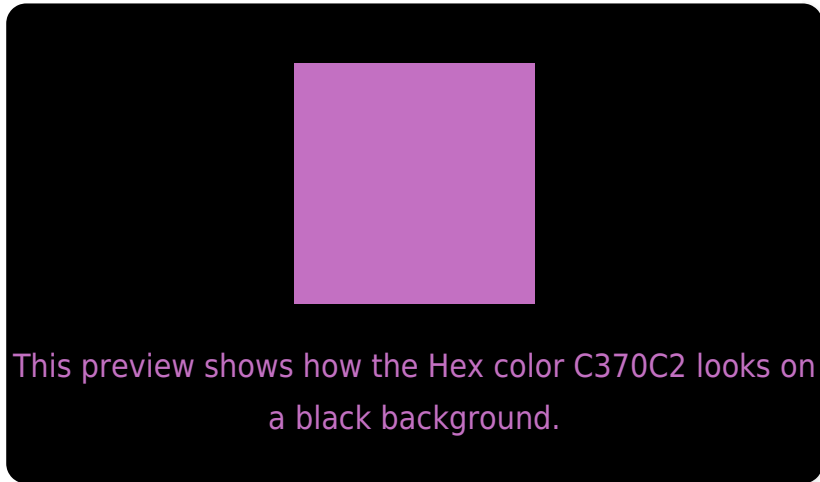
Large Text (above 18pt) WCAG AA ✓ Pass

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

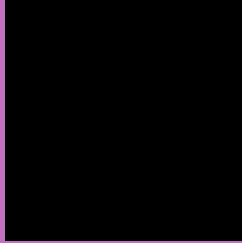
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C370C2 Background



This preview shows how black text looks on a background with the Hex color C370C2.

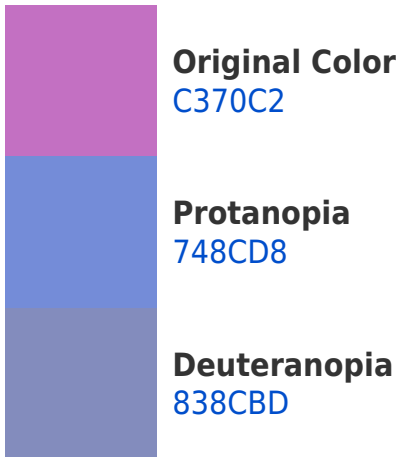


This preview shows how white text looks on a background with the Hex color C370C2.

# 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](#).

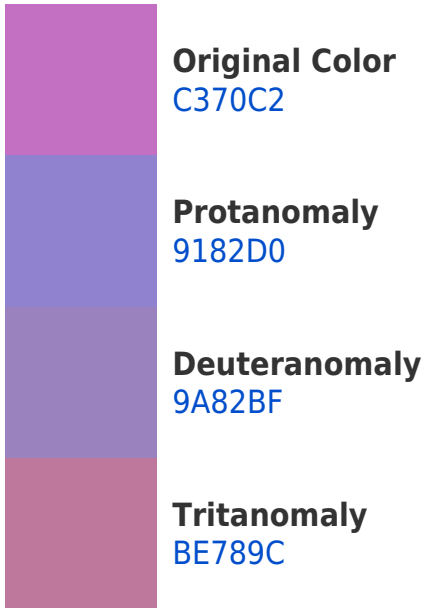
## Dichromacy



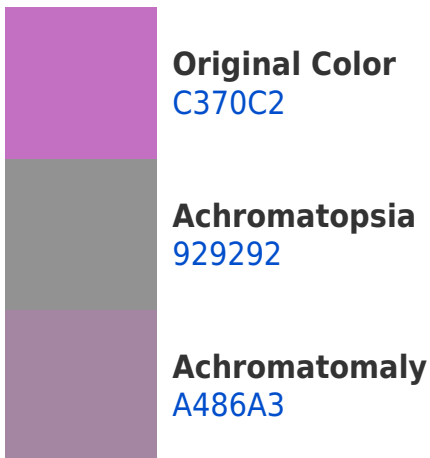


**Tritanopia**  
BB7D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C370C2 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 #C370C2 looks like.

```
.text, #text, p{  
    color:#C370C2  
}
```

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 #C370C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C370C2
}
```

## Border

The CSS property to change the border of an element to Hex C370C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

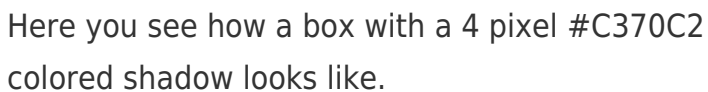
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C370C2 }
```

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

```
.border{ border-color:#C370C2 }
```

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



Here you see how a box with a 4 pixel `#C370C2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C370C2; -webkit-box-shadow:4px 4px  
4px 4px #C370C2; box-shadow:4px 4px 4px  
4px #C370C2 }
```

# Background

The CSS property to change the background color of an element to Hex C370C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C370C2 }
```

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

```
.background{ background-color:#C370C2 }
```

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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