

# Converting Colors

Hex(C370DB)

Have a look what the booklet for  
Hex(C370DB) contains.

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# **Color**

**Hex(C370DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C370DB
RGB	195, 112, 219
RGB Percent	76%, 44%, 86%
CMY	0.2353, 0.5608, 0.1412
CMYK	0.11, 0.49, 0.00, 0.14
HSL	287°, 60%, 65%
HSV	287°, 49%, 86%
XYZ	41.0860, 28.3049, 70.3158
YIQ	149.0150, 15.1210, 50.8730

# Conversions

## Conversions Part 2

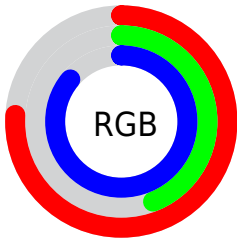
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">195, 112, 219</a>
Decimal	<a href="#">12808411</a>
CIELab	<a href="#">60.16, 49.77, -41.56</a>
CIElCh	<a href="#">60, 64.835, 320.136</a>
Yxy	<a href="#">28.3049, 0.2941, 0.2026</a>
Android (android.graphics.Color)	<a href="#">4290998491 (0xFFC370DB)</a>
YUV	<a href="#">149.0150, 34.5026, 40.3288</a>
Hunter-Lab	<a href="#">53.2024, 44.7442, -41.1199</a>

# Details

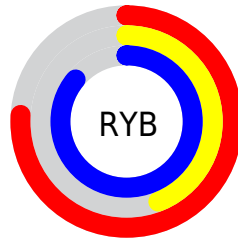
The Hex color **C370DB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **88DB70**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FDA6FF**, and **8B3CA3** is the 20% darker color. If you saturate the color by 10%, you get **BE5ADB**, and if you desaturate by 10%, it is **C886DB**.

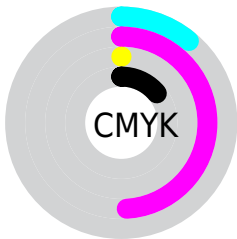
# Distribution



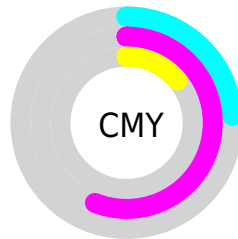
- Red (76%)
- Green (44%)
- Blue (86%)



- Red (76%)
- Yellow (44%)
- Blue (86%)



- Cyan (11%)
- Magenta (49%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (56%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C370DB 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 C370DB by changing the saturation by 10% instead.



 C370DB

 C370DB

FFFFFF

 A756BF

 FDA6FF

 8B3CA3

 FFC2FF

 702189

 FFDFFF

 55006F

 FFFCFF

 3B0056

 26003E

 000027

 000111

 000000

 C370DB

 C370DB

 BE5ADB

 C886DB

 B944DB

 CD9CDB

 B42EDB

 D2B2DB

 AF18DB

 D7C8DB

 AA02DB

 DCDDDB

 AA00DB

 E0F3DB

 E5FFDB

 EAFFDB

 EFFFDB

# Harmonies

## Analogous

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



6A8AFD



C370DB



EE5AA6

# Triad

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



C370DB



BD880A



00ACB7

# Complementary

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



C370DB



88DB70

# 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.



00AA7C



C370DB



889A0F

# Square

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



C370DB



E4703A



3EA543



00A8E8

# Rectangle

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



C370DB



F75880



3EA543



00ACA3



# Sweetspot

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



C370DB



F6D9FF



7089DB



7A6980



000000



808080



# Same Dimension

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



C370DB



DD69FF



DB70BE



6B636E



8700AD



24002E



# Inverse Universe

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



DB7088



FF698A



70DB8D



6E6365



AD0027



2E000A



# Previews

## White Background



This preview shows how the Hex color C370DB looks on a white background.

## Color Contrast Check

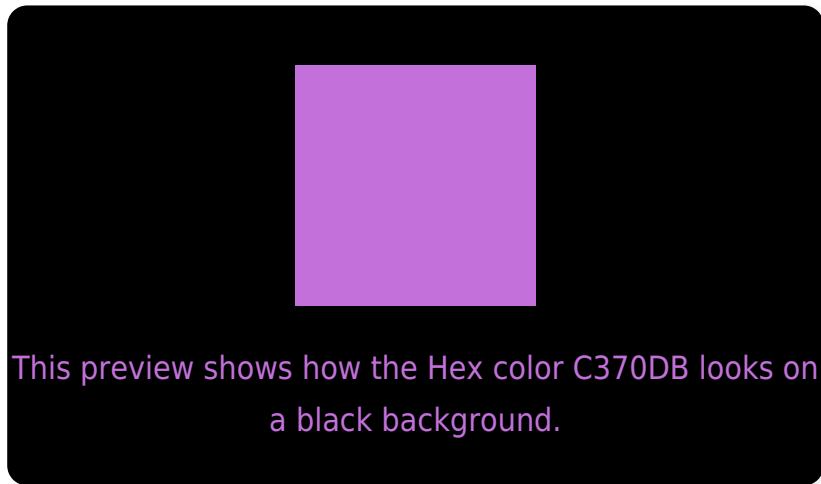
Large Text (above 18pt) WCAG AA ✓ Pass

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 C370DB Background



This preview shows how black text looks on a background with the Hex color C370DB.

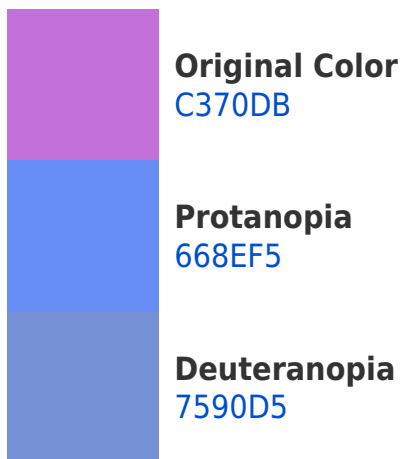



This preview shows how white text looks on a background with the Hex color C370DB.

# 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](#).

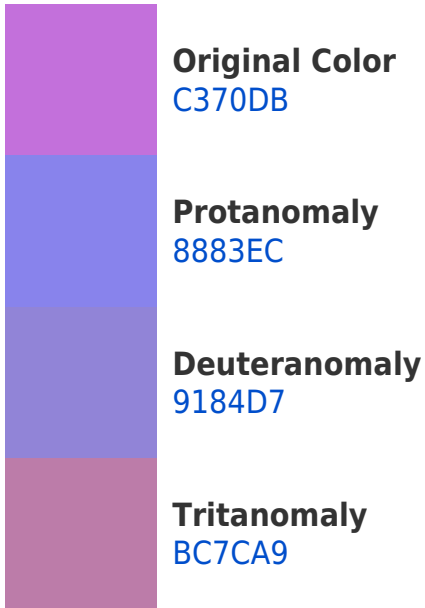
## Dichromacy



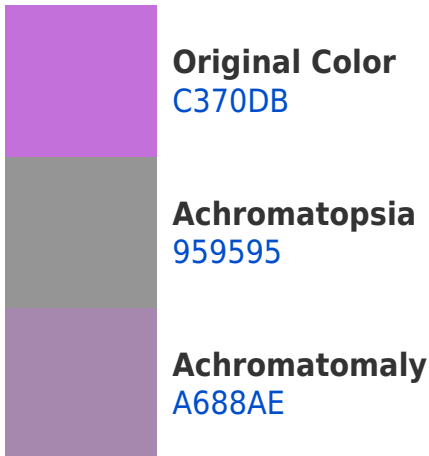


**Tritanopia**  
B8838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C370DB 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 #C370DB looks like.

```
.text, #text, p{  
    color:#C370DB  
}
```

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 #C370DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C370DB
}
```

## Border

The CSS property to change the border of an element to Hex C370DB 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
#C370DB }
```

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

```
.border{ border-color:#C370DB }
```

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

Here you see how a box with a 4 pixel #C370DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C370DB; -webkit-box-shadow:4px 4px  
4px 4px #C370DB; box-shadow:4px 4px 4px  
4px #C370DB }
```

# Background

The CSS property to change the background color of an element to Hex C370DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C370DB }
```

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

```
.background{ background-color:#C370DB }
```

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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