

# Converting Colors

Hex(C378CD)

Have a look what the booklet for  
Hex(C378CD) contains.

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# **Color**

**Hex(C378CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C378CD
RGB	195, 120, 205
RGB Percent	76%, 47%, 80%
CMY	0.2353, 0.5294, 0.1961
CMYK	0.05, 0.41, 0.00, 0.20
HSL	293°, 46%, 64%
HSV	293°, 41%, 80%
XYZ	40.2416, 29.4428, 61.3197
YIQ	152.1150, 17.4150, 42.3350

# Conversions

## Conversions Part 2

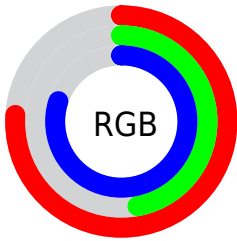
Format	Color
<a href="#">RYB</a>	<a href="#">195, 120, 205</a>
Decimal	<a href="#">12810445</a>
CIELab	<a href="#">61.17, 42.82, -32.11</a>
CIElCh	<a href="#">61, 53.518, 323.132</a>
Yxy	<a href="#">29.4428, 0.3072, 0.2247</a>
Android (android.graphics.Color)	<a href="#">4291000525</a> <a href="#">(0xFFC378CD)</a>
YUV	<a href="#">152.1150, 26.0723, 37.6101</a>
Hunter-Lab	<a href="#">54.2612, 37.4232, -29.0197</a>

# Details

The Hex color **C378CD** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **82CD78**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FDAEFF**, and **8C4596** is the 20% darker color. If you saturate the color by 10%, you get **C164CD**, and if you desaturate by 10%, it is **C58CCD**.

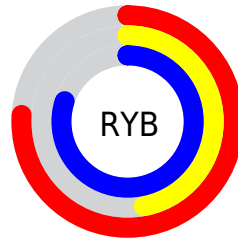
# Distribution



Red (76%)

Green (47%)

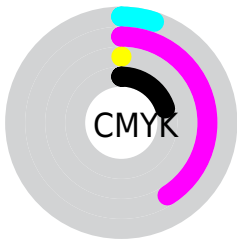
Blue (80%)



Red (76%)

Yellow (47%)

Blue (80%)

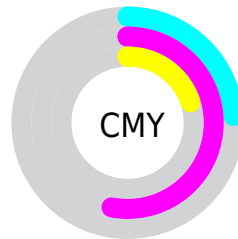


Cyan (5%)

Magenta (41%)

Yellow (0%)

Black (20%)



Cyan (24%)

Magenta (53%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C378CD 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 C378CD by changing the saturation by 10% instead.



 C378CD

 C378CD

FFFFFF

 A75EB1

 FDAEFF

 8C4596

 FFCAFF

 712B7C

 FFE6FF

 571063

 3E004B

 280034

 00001E

 000000

 C378CD

 C378CD

 C164CD

 C58CCD

 BE4FCD

 C8A1CD

 BC3ACD

 CAB5CD

 B926CD

 CDCACD

 B711CD

 CFDECD

 B500CD

 D1F3CD

 D4FFCD

 D6FFCD

 D9FFCD

# Harmonies

## Analogous

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



838CEB



C378CD



E46AA1

# Triad

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



C378CD



B78D30



00ABB7

# Complementary

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



C378CD



82CD78

# 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.



00AA87



C378CD



8A9C36

# Square

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



C378CD



D97B49



4FA558



00A6DE

# Rectangle

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



C378CD



EB6981



4FA558



00ABA8



# Sweetspot

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



C378CD



FBE0FF



7883CD



7D6E80



000000



808080



# Same Dimension

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



C378CD



F080FF



CD78AE



655C66



9200A6



220026



# Inverse Universe

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



CD7882



FF808E



78CD97



665C5D



A60013



260004



# Previews

## White Background



This preview shows how the Hex color C378CD looks on a white background.

## Color Contrast Check

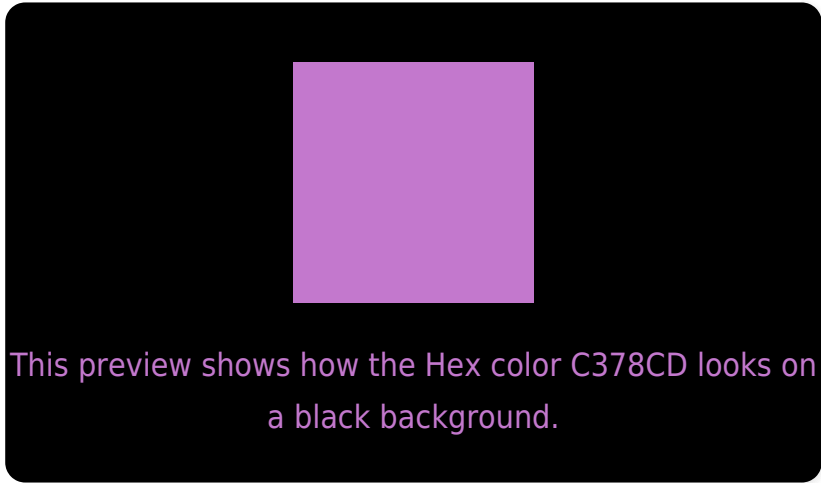
Large Text (above 18pt) WCAG AA ✓ Pass

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

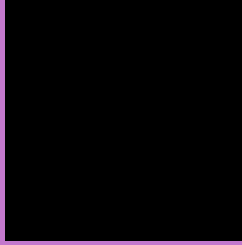
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C378CD Background



This preview shows how black text looks on a background with the Hex color C378CD.

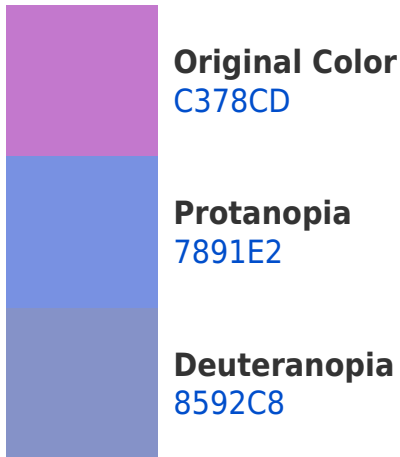


This preview shows how white text looks on a background with the Hex color C378CD.

# 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](#).

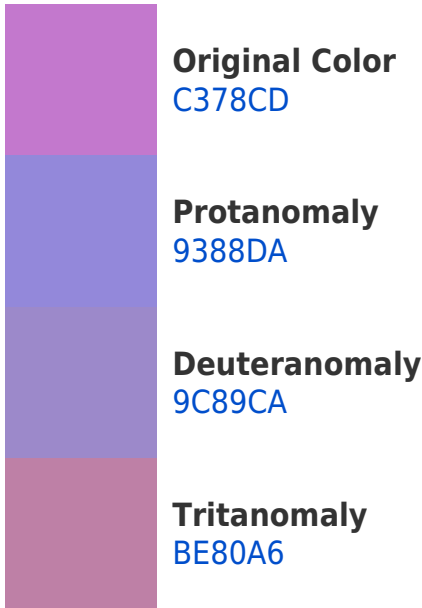
## Dichromacy



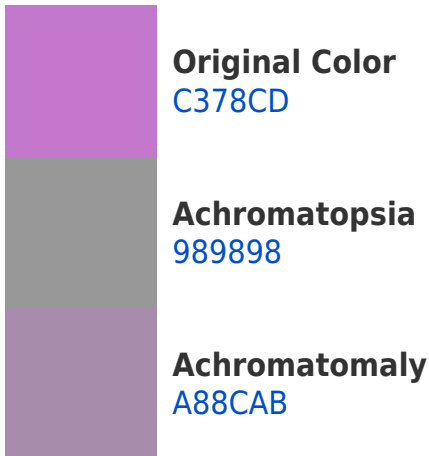


**Tritanopia**  
BB8590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C378CD 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 #C378CD looks like.

```
.text, #text, p{  
    color:#C378CD  
}
```

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 #C378CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C378CD
}
```

## Border

The CSS property to change the border of an element to Hex C378CD 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
#C378CD }
```

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

```
.border{ border-color:#C378CD }
```

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

Here you see how a box with a 4 pixel #C378CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C378CD; -webkit-box-shadow:4px 4px  
4px 4px #C378CD; box-shadow:4px 4px 4px  
4px #C378CD }
```

# Background

The CSS property to change the background color of an element to Hex C378CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C378CD }
```

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

```
.background{ background-color:#C378CD }
```

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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