

# Converting Colors

Hex(C273DD)

Have a look what the booklet for  
Hex(C273DD) contains.

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# Color

**Hex(C273DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C273DD
RGB	194, 115, 221
RGB Percent	76%, 45%, 87%
CMY	0.2392, 0.5490, 0.1333
CMYK	0.12, 0.48, 0.00, 0.13
HSL	285°, 61%, 66%
HSV	285°, 48%, 87%
XYZ	41.4300, 28.9513, 71.8112
YIQ	150.7050, 13.0580, 49.7140

# Conversions

## Conversions Part 2

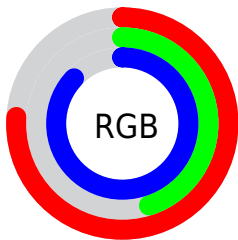
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 115, 221
Decimal	12743645
CIELab	60.74, 48.34, -41.78
CIELCh	61, 63.893, 319.160
Yxy	28.9513, 0.2914, 0.2036
Android (android.graphics.Color)	4290933725 (0xFFC273DD)
YUV	150.7050, 34.6554, 37.9697
Hunter-Lab	53.8064, 43.2809, -41.4653

# Details

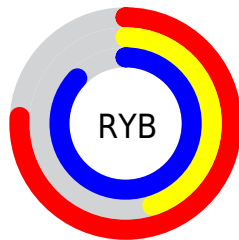
The Hex color **C273DD** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8EDD73**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FCA9FF**, and **8A3FA5** is the 20% darker color. If you saturate the color by 10%, you get **BC5DDD**, and if you desaturate by 10%, it is **C889DD**.

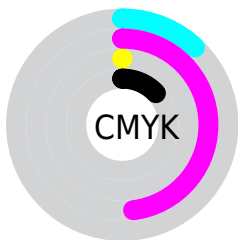
# Distribution



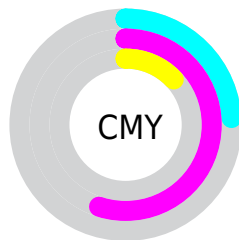
- Red (76%)
- Green (45%)
- Blue (87%)



- Red (76%)
- Yellow (45%)
- Blue (87%)



- Cyan (12%)
- Magenta (48%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (55%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C273DD 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 C273DD by changing the saturation by 10% instead.



 C273DD

 C273DD

FFFFFF

 A659C1

 FCA9FF

 8A3FA5

 FFC5FF

 6F258B

 FFE2FF

 550471

 3A0058

 240040

 000029

 000113

 000000

 C273DD

 C273DD

 BC5DDD

 C889DD

 B747DD

 CD9FDD

 B131DD

 D3B5DD

 AB1BDD

 D9CBDD

 A605DD

 DEE2DD

 A500DD

 E4F8DD

 E9FFDD

 EFFFDD

 F5FFDD

# Harmonies

## Analogous

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



698CFE



C273DD



EE5EA9

# Triad

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



C273DD



C08913



00ADB6

# Complementary

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



C273DD



8EDD73

# 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.



00AC7B



C273DD



8C9B14

# Square

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



C273DD



E6713E



45A644



00A9E7

# Rectangle

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



C273DD



F85A84



45A644



00ADA3



# Sweetspot

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



C273DD



F6DBFF



738FDD



7A6A80



000000



808080



# Same Dimension

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



C273DD



D96BFF



DD73C4



6B636E



8100AD



22002E



# Inverse Universe

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



DD738E



FF6B91



73DD8C



6E6365



AD002C

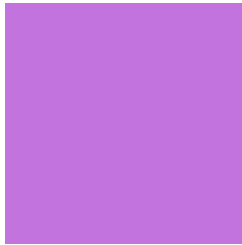


2E000C



# Previews

## White Background



This preview shows how the Hex color C273DD 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

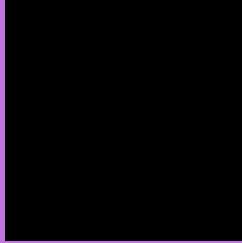
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C273DD Background



This preview shows how black text looks on a background with the Hex color C273DD.

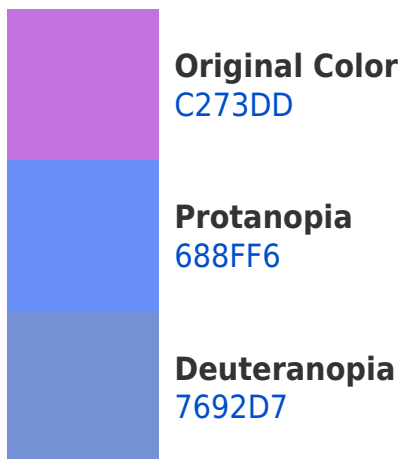



This preview shows how white text looks on a background with the Hex color C273DD.

# 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](#).

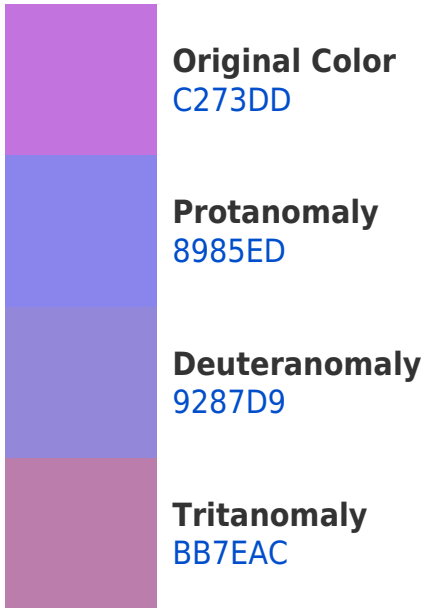
## Dichromacy



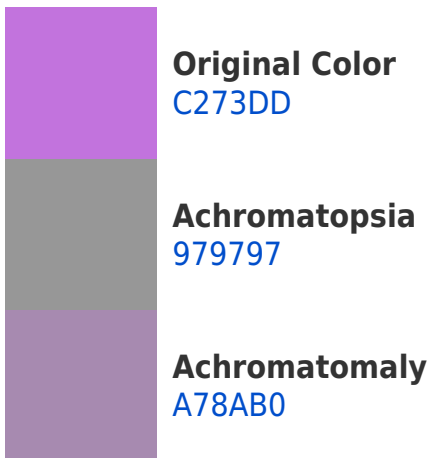


**Tritanopia**  
B78590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C273DD 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 #C273DD looks like.

```
.text, #text, p{  
    color:#C273DD  
}
```

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 #C273DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C273DD
}
```

## Border

The CSS property to change the border of an element to Hex C273DD 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
#C273DD }
```

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

```
.border{ border-color:#C273DD }
```

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

Here you see how a box with a 4 pixel #C273DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C273DD; -webkit-box-shadow:4px 4px  
4px 4px #C273DD; box-shadow:4px 4px 4px  
4px #C273DD }
```

# Background

The CSS property to change the background color of an element to Hex C273DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C273DD }
```

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

```
.background{ background-color:#C273DD }
```

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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