

Converting Colors

Hex(C701DD)

Have a look what the booklet for
Hex(C701DD) contains.

Hex(C701DD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C701DD)

Conversions

Conversions Part 1

Format	Color
Hex	C701DD
RGB	199, 1, 221
RGB Percent	78%, 0%, 87%
CMY	0.2196, 0.9961, 0.1333
CMYK	0.10, 1.00, 0.00, 0.13
HSL	294°, 99%, 44%
HSV	294°, 100%, 87%
XYZ	36.6152, 17.3843, 69.8323
YIQ	85.2820, 47.3880, 110.3960

Conversions

Conversions Part 2

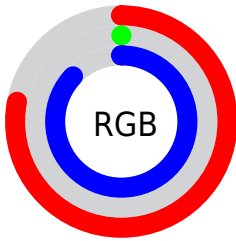
Format	Color
RYB	199, 1, 221
Decimal	13042141
CIELab	48.74, 84.76, -60.85
CIELCh	49, 104.342, 324.323
Yxy	17.3843, 0.2957, 0.1404
Android (android.graphics.Color)	4291232221 (0xFFC701DD)
YUV	85.2820, 66.9090, 99.7307
Hunter-Lab	41.6945, 83.7896, -70.1162

Details

The Hex color **C701DD** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **17DD01**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5DFF**, and **8C00A5** is the 20% darker color. If you saturate the color by 10%, you get **C700DD**, and if you desaturate by 10%, it is **C917DD**.

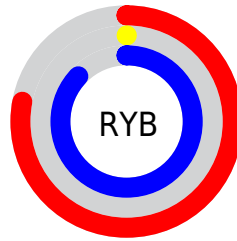
Distribution



Red (78%)

Green (0%)

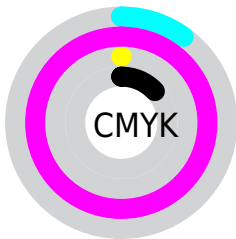
Blue (87%)



Red (78%)

Yellow (0%)

Blue (87%)

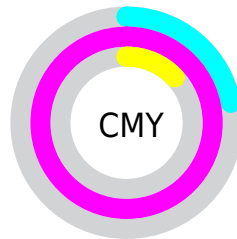


Cyan (10%)

Magenta (100%)

Yellow (0%)

Black (13%)



Cyan (22%)

Magenta (100%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color C701DD 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 C701DD by changing the saturation by 10% instead.

 C701DD

 C701DD

FFFFFF

 A900C1

 FF5DFF

 8C00A5

 FF7CFF

 6E008A

 FF9AFF

 510070

 FFB8FF

 360056

 FFD6FF

 13003E

 FFF5FF

 000327

 000110

 000000

 C701DD

 C701DD

 C700DD

 C917DD

 CB2DDD

 CE43DD

 D059DD

 D270DD

 D486DD

 D69CDD

 D9B2DD

 DBC8DD

Harmonies

Analogous

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



0065FF



C701DD



FE0089

Triad

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



C701DD



9B6B00



0095BB

Complementary

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



C701DD



17DD01

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.



009360



C701DD



448400

Square

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



C701DD



DA3600



008F00



0093FF

Rectangle

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



C701DD



FF004F



008F00



00959E

Sweetspot

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



C701DD



F7B3FF



0117DD



7B5280



000000



808080

Same Dimension

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



C701DD



E600FF



DD0185



6D636E



9C00AD



29002E

Inverse Universe

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



DD0117



FF0019



01DD59



6E6364



AD0011



2E0005

Previews

White Background



This preview shows how the Hex color C701DD looks on a white background.

Color Contrast Check

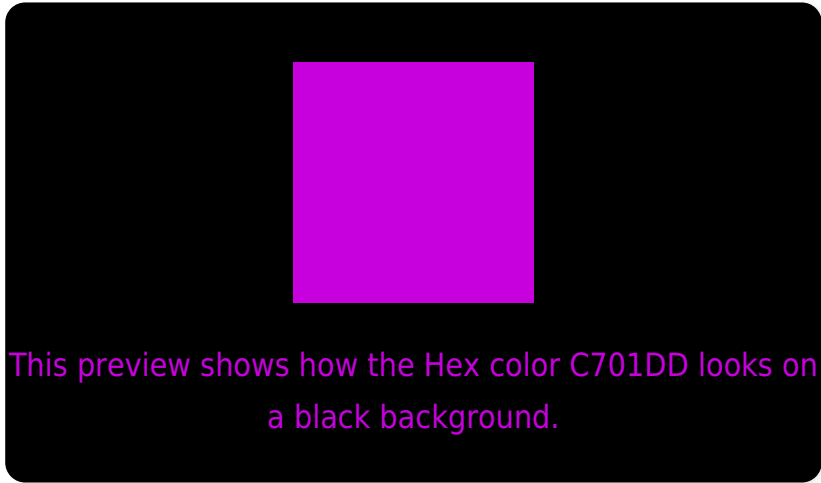
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

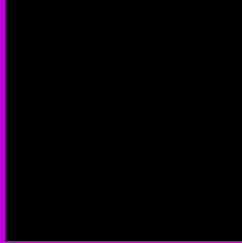
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex C701DD Background



This preview shows how black text looks on a background with the Hex color C701DD.

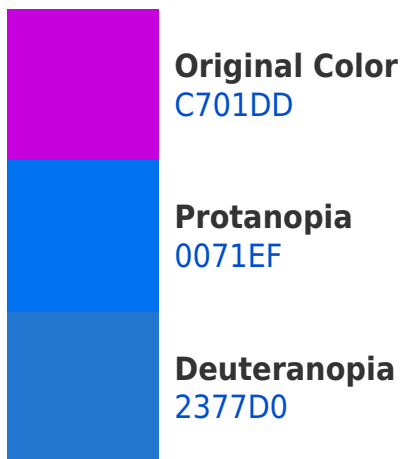


This preview shows how white text looks on a background with the Hex color C701DD.

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



Trichromacy



Original Color
C701DD



Protanomaly
4848E8



Deuteranomaly
5F4CD5



Tritanomaly
BD388C

Monochromacy



Original Color
C701DD



Achromatopsia
555555



Achromatomaly
7E3686

CSS Examples

Text

The CSS property to change the color of the text to Hex C701DD 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 #C701DD looks like.

```
.text, #text, p{  
    color:#C701DD  
}
```

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 #C701DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C701DD
}
```

Border

The CSS property to change the border of an element to Hex C701DD 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".

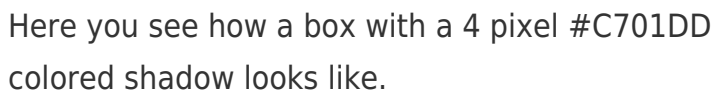
```
.border, #border, table{ border:4px solid
#C701DD }
```

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

```
.border{ border-color:#C701DD }
```

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

Here you see how a box with a 4 pixel #C701DD colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C701DD; -webkit-box-shadow:4px 4px  
4px 4px #C701DD; box-shadow:4px 4px 4px  
4px #C701DD }
```

Background

The CSS property to change the background color of an element to Hex C701DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C701DD }
```

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

```
.background{ background-color:#C701DD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor