

Converting Colors

Hex(C300DF)

Have a look what the booklet for
Hex(C300DF) contains.

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Color

Hex(C300DF)

Conversions

Conversions Part 1

Format	Color
Hex	C300DF
RGB	195, 0, 223
RGB Percent	76%, 0%, 87%
CMY	0.2353, 1.0000, 0.1255
CMYK	0.13, 1.00, 0.00, 0.13
HSL	292°, 100%, 44%
HSV	292°, 100%, 87%
XYZ	35.8250, 16.9298, 71.1916
YIQ	83.7270, 44.6370, 110.6930

Conversions

Conversions Part 2

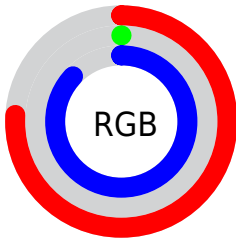
Format	Color
RYB	195, 0, 223
Decimal	12779743
CIELab	48.17, 84.57, -62.95
CIELCh	48, 105.429, 323.340
Yxy	16.9298, 0.2890, 0.1366
Android (android.graphics.Color)	4290969823 (0xFFC300DF)
YUV	83.7270, 68.6616, 97.5864
Hunter-Lab	41.1459, 83.4115, -73.7830

Details

The Hex color **C300DF** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **1CDF00**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5CFF**, and **8800A7** is the 20% darker color. If you saturate the color by 10%, you get **C300DF**, and if you desaturate by 10%, it is **C616DF**.

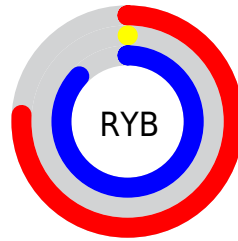
Distribution



Red (76%)

Green (0%)

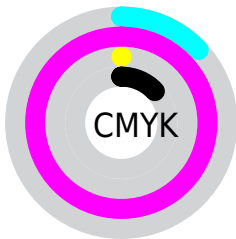
Blue (87%)



Red (76%)

Yellow (0%)

Blue (87%)

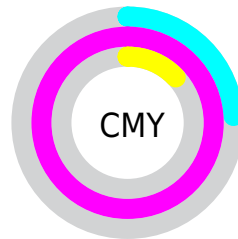


Cyan (13%)

Magenta (100%)

Yellow (0%)

Black (13%)



Cyan (24%)

Magenta (100%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color C300DF 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 C300DF by changing the saturation by 10% instead.

 C300DF

 C300DF

FFFFFF

 A500C3

 FF5CFF

 8800A7

 FF7BFF

 6A008C

 FF99FF

 4D0071

 FFB7FF

 310058

 FFD5FF

 0A003F

 FFF4FF

 000328

 000112

 000000

 C300DF

 C616DF

 C92DDF

 CB43DF

 CE59DF

 D170DF

 D486DF

 D79CDF

 D9B2DF

 DCC9DF

Harmonies

Analogous

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



0065FF



C300DF



FD008A

Triad

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



C300DF



9C6900



0094B8

Complementary

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



C300DF



1CDF00

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.



00925B



C300DF



458200

Square

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



C300DF



DA3000



008D00



0092FF

Rectangle

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



C300DF



FF0050



008D00



00939A

Sweetspot

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



C300DF



F5B3FF



001EDF



7A5280



000000



808080

Same Dimension

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



C300DF



DF00FF



DF008D



6F6570



9A00B0



2A0030

Inverse Universe

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



DF001C



FF0020



00DF52



706566



B00016



300006

Previews

White Background



This preview shows how the Hex color C300DF looks on a white background.

Color Contrast Check

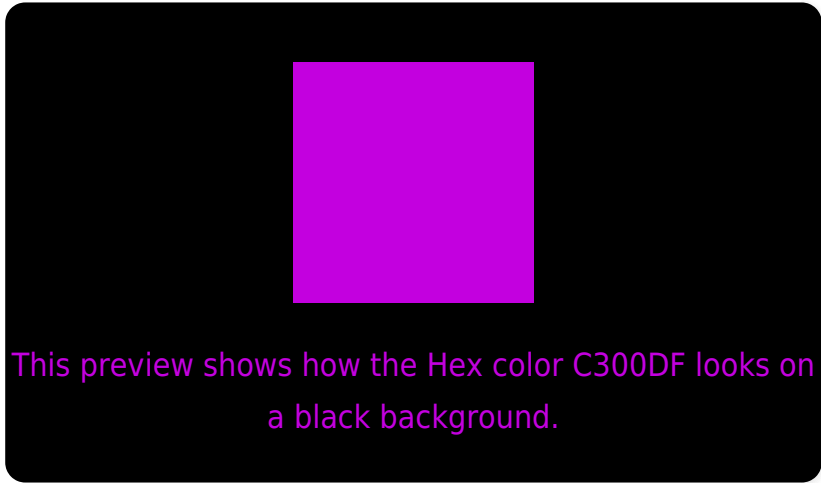
Large Text (above 18pt) WCAG AA ✓ Pass

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

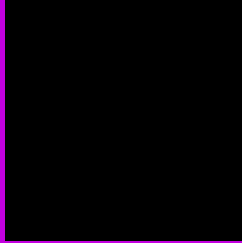
Any Text WCAG AA × Fail

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 C300DF Background



This preview shows how black text looks on a background with the Hex color C300DF.



This preview shows how white text looks on a background with the Hex color C300DF.

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



Original Color
C300DF

Protanopia
0070EC

Deuteranopia
0076D1



Tritanopia
B2575E

Trichromacy



Original Color
C300DF



Protanomaly
4747E7



Deuteranomaly
474BD6



Tritanomaly
B8378D

Monochromacy



Original Color
C300DF



Achromatopsia
545454



Achromatomaly
7C3587

CSS Examples

Text

The CSS property to change the color of the text to Hex C300DF 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 #C300DF looks like.

```
.text, #text, p{  
    color:#C300DF  
}
```

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 #C300DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C300DF
}
```

Border

The CSS property to change the border of an element to Hex C300DF 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".

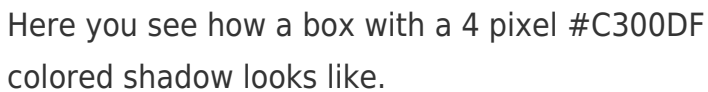
```
.border, #border, table{ border:4px solid
#C300DF }
```

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

```
.border{ border-color:#C300DF }
```

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

Here you see how a box with a 4 pixel #C300DF 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 #C300DF; -webkit-box-shadow:4px 4px  
4px 4px #C300DF; box-shadow:4px 4px 4px  
4px #C300DF }
```

Background

The CSS property to change the background color of an element to Hex C300DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C300DF }
```

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

```
.background{ background-color:#C300DF }
```

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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