

Converting Colors

Hex(D000DC)

Have a look what the booklet for
Hex(D000DC) contains.

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Color

Hex(D000DC)

Conversions

Conversions Part 1

Format	Color
Hex	D000DC
RGB	208, 0, 220
RGB Percent	82%, 0%, 86%
CMY	0.1843, 1.0000, 0.1373
CMYK	0.05, 1.00, 0.00, 0.14
HSL	297°, 100%, 43%
HSV	297°, 100%, 86%
XYZ	38.9307, 18.5772, 69.2440
YIQ	87.2720, 53.3480, 112.5160

Conversions

Conversions Part 2

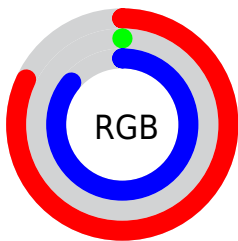
Format	Color
RYB	208, 0, 220
Decimal	13631708
CIELab	50.19, 86.03, -57.87
CIELCh	50, 103.682, 326.071
Yxy	18.5772, 0.3071, 0.1466
Android (android.graphics.Color)	4291821788 (0xFFD000DC)
YUV	87.2720, 65.4349, 105.8785
Hunter-Lab	43.1013, 85.8006, -65.0810

Details

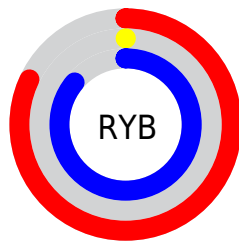
The Hex color **D000DC** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **0CDC00**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF5FFF**, and **9400A4** is the 20% darker color. If you saturate the color by 10%, you get **D000DC**, and if you desaturate by 10%, it is **D116DC**.

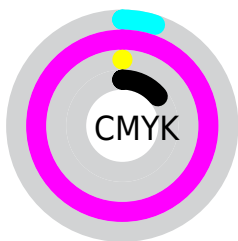
Distribution



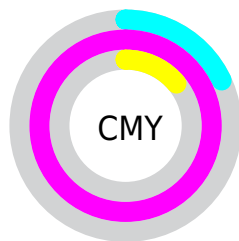
- Red (82%)
- Green (0%)
- Blue (86%)



- Red (82%)
- Yellow (0%)
- Blue (86%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color D000DC 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 D000DC by changing the saturation by 10% instead.

 D000DC

 D000DC

FFFFFF

 B200C0

 FF5FFF

 9400A4

 FF7EFF

 770089

 FF9CFF

 5A006F

 FFBAFF

 3F0056

 FFD9FF

 1F003D

 FFF7FF

 000226

 00010F

 000000

 D000DC

 D116DC

 D22CDC

 D442DC

 D558DC

 D66EDC

 D784DC

 D89ADC

 DAB0DC

 DBC6DC

Harmonies

Analogous

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



0966FF



D000DC



FF0087

Triad

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



D000DC



9C7100



0099C4

Complementary

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



D000DC



0CDC00

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.



009769



D000DC



428800

Square

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



D000DC



DB4000



009300



0096FF

Rectangle

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



D000DC



FF004E



009300



0099A7

Sweetspot

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



D000DC



FBB3FF



000FDC



7D5280



000000



808080

Same Dimension

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



D000DC



F100FF



DC007D



6D636E



A400AD



2B002E

Inverse Universe

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



DC000C



FF000E



00DC5F



6E6363



AD0009



2E0003

Previews

White Background



This preview shows how the Hex color D000DC looks on a white background.

Color Contrast Check

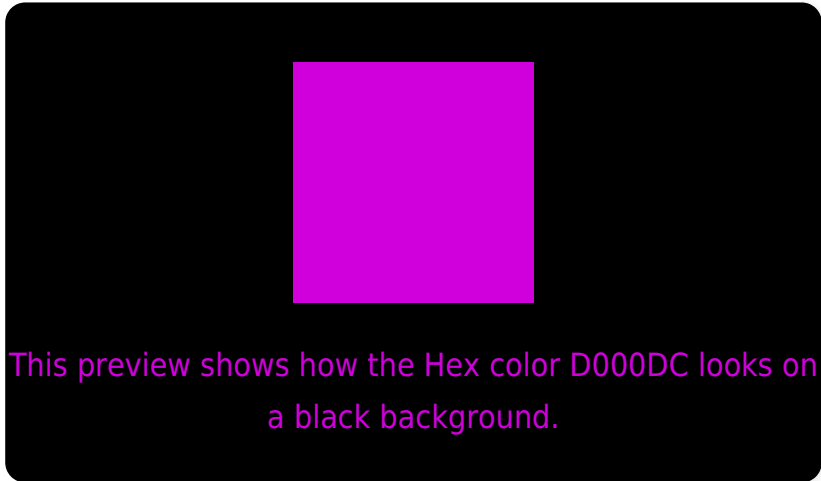
Large Text (above 18pt) WCAG AA ✓ Pass

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

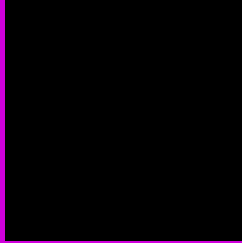
Any Text WCAG AA ✓ Pass

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 D000DC Background



This preview shows how black text looks on a background with the Hex color D000DC.

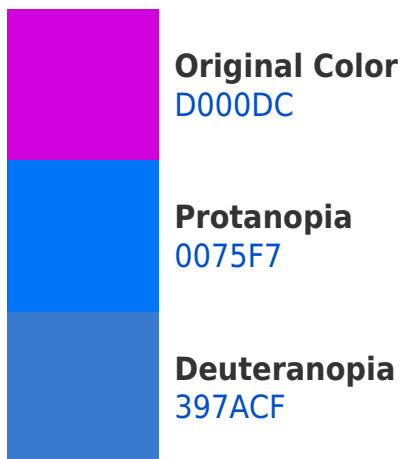



This preview shows how white text looks on a background with the Hex color D000DC.

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
C1565C

Trichromacy



Original Color
D000DC



Protanomaly
4C4AED



Deuteranomaly
704ED4



Tritanomaly
C6378B

Monochromacy



Original Color
D000DC



Achromatopsia
575757



Achromatomaly
833787

CSS Examples

Text

The CSS property to change the color of the text to Hex D000DC 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 #D000DC looks like.

```
.text, #text, p{  
    color:#D000DC  
}
```

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 #D000DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D000DC
}
```

Border

The CSS property to change the border of an element to Hex D000DC 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
#D000DC }
```

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

```
.border{ border-color:#D000DC }
```

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

Here you see how a box with a 4 pixel #D000DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D000DC; -webkit-box-shadow:4px 4px  
4px 4px #D000DC; box-shadow:4px 4px 4px  
4px #D000DC }
```

Background

The CSS property to change the background color of an element to Hex D000DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D000DC }
```

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

```
.background{ background-color:#D000DC }
```

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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