

Converting Colors

Hex(D000DD)

Have a look what the booklet for
Hex(D000DD) contains.

Hex(D000DD)	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(D000DD)

Conversions

Conversions Part 1

Format	Color
Hex	D000DD
RGB	208, 0, 221
RGB Percent	82%, 0%, 87%
CMY	0.1843, 1.0000, 0.1333
CMYK	0.06, 1.00, 0.00, 0.13
HSL	296°, 100%, 43%
HSV	296°, 100%, 87%
XYZ	39.0636, 18.6304, 69.9438
YIQ	87.3860, 53.0270, 112.8270

Conversions

Conversions Part 2

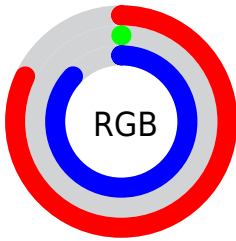
Format	Color
R_{YB}	208, 0, 221
Decimal	13631709
CIE Lab	50.25, 86.18, -58.34
CIE LCh	50, 104.069, 325.903
Yxy	18.6304, 0.3061, 0.1460
Android (android.graphics.Color)	4291821789 (0xFFD000DD)
YUV	87.3860, 65.8717, 105.7785
Hunter-Lab	43.1629, 86.0122, -65.8631

Details

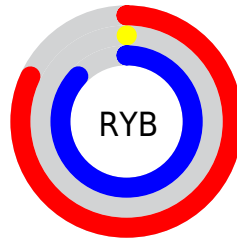
The Hex color **D000DD** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **0DDD00**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF5FFF**, and **9400A5** is the 20% darker color. If you saturate the color by 10%, you get **D000DD**, and if you desaturate by 10%, it is **D116DD**.

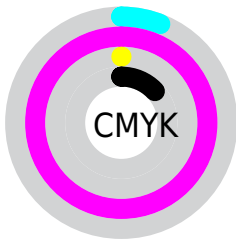
Distribution



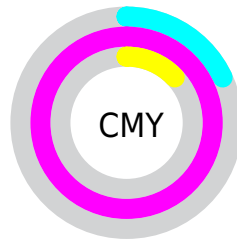
- Red (82%)
- Green (0%)
- Blue (87%)



- Red (82%)
- Yellow (0%)
- Blue (87%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color D000DD 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 D000DD by changing the saturation by 10% instead.

 D000DD

 D000DD

FFFFFF

 B200C1

 FF5FFF

 9400A5

 FF7EFF

 77008A

 FF9CFF

 5A0070

 FFBAFF

 3F0057

 FFD9FF

 1E003E

 FFF7FF

 000227

 000110

 000000

 D000DD

 D116DD

 D32CDD

 D442DD

 D558DD

 D76FDD

 D885DD

 D99BDD

 DAB1DD

 DCC7DD

Harmonies

Analogous

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



0066FF



D000DD



FF0088

Triad

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



D000DD



9C7100



0099C4

Complementary

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



D000DD



0DDD00

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.



009868



D000DD



428800

Square

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



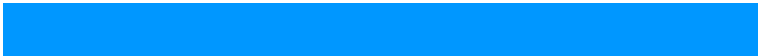
D000DD



DC3F00



009300



0097FF

Rectangle

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



D000DD



FF004E



009300



0099A6

Sweetspot

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



D000DD



FBB3FF



000FDD



7D5280



000000



808080

Same Dimension

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



D000DD



F000FF



DD007D



6D636E



A300AD



2B002E

Inverse Universe

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



DD000D



FF000F



00DD60



6E6363



AD000A



2E0003

Previews

White Background



This preview shows how the Hex color D000DD looks on a white background.

Color Contrast Check

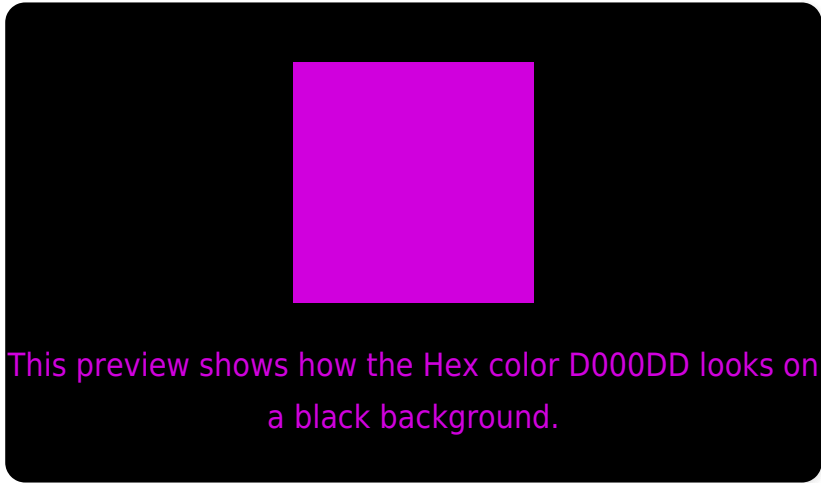
Large Text (above 18pt) WCAG AA ✓ Pass

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 D000DD Background



This preview shows how black text looks on a background with the Hex color D000DD.

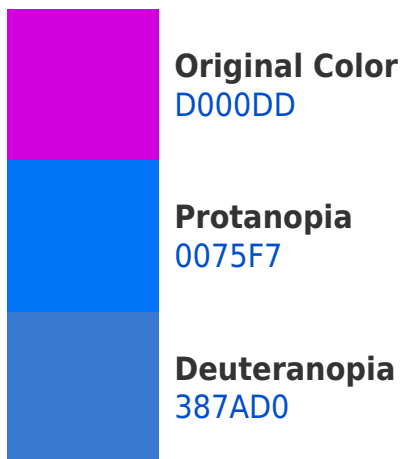


This preview shows how white text looks on a background with the Hex color D000DD.

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
C1575D

Trichromacy



Original Color
D000DD



Protanomaly
4C4AEE



Deuteranomaly
6F4ED5



Tritanomaly
C6378C

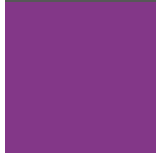
Monochromacy



Original Color
D000DD



Achromatopsia
575757



Achromatomaly
833788

CSS Examples

Text

The CSS property to change the color of the text to Hex D000DD 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 #D000DD looks like.

```
.text, #text, p{  
    color:#D000DD  
}
```

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 #D000DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D000DD }  
}
```

Border

The CSS property to change the border of an element to Hex D000DD 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 #D000DD }  
}
```

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

```
.border{ border-color:#D000DD }
```

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

Here you see how a box with a 4 pixel #D000DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D000DD; -webkit-box-shadow:4px 4px  
4px 4px #D000DD; box-shadow:4px 4px 4px  
4px #D000DD }
```

Background

The CSS property to change the background color of an element to Hex D000DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D000DD }
```

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

```
.background{ background-color:#D000DD }
```

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