

# Converting Colors

Hex(D000B6)

Have a look what the booklet for  
Hex(D000B6) contains.

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**Color**

**Hex(D000B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D000B6
RGB	208, 0, 182
RGB Percent	82%, 0%, 71%
CMY	0.1843, 1.0000, 0.2863
CMYK	0.00, 1.00, 0.12, 0.18
HSL	308°, 100%, 41%
HSV	308°, 100%, 82%
XYZ	34.4559, 16.7873, 45.6802
YIQ	82.9400, 65.5460, 100.6980

# Conversions

## Conversions Part 2

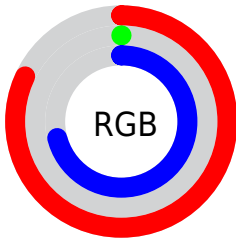
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 0, 182
Decimal	13631670
CIE <sub>Lab</sub>	47.99, 80.69, -39.39
CIE <sub>LCh</sub>	48, 89.795, 333.979
Yxy	16.7873, 0.3555, 0.1732
Android (android.graphics.Color)	4291821750 (0xFFD000B6)
YUV	82.9400, 48.8366, 109.6776
Hunter-Lab	40.9723, 78.4092, -37.4221

# Details

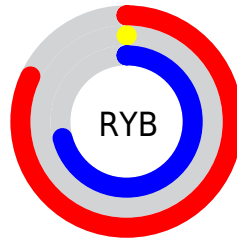
The Hex color **D000B6** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **00D01A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5CEE**, and **950080** is the 20% darker color. If you saturate the color by 10%, you get **D000B6**, and if you desaturate by 10%, it is **D015B9**.

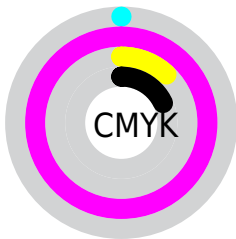
# Distribution



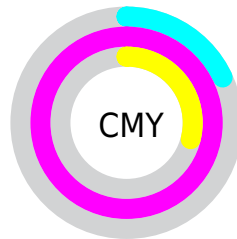
- Red (82%)
- Green (0%)
- Blue (71%)



- Red (82%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D000B6 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 D000B6 by changing the saturation by 10% instead.



 D000B6

 D000B6

FFFFFF

 B2009B

 FF5CEE

 950080

 FF7BFF

 780067

 FF99FF

 5B004E

 FFB7FF

 400037

 FFD5FF

 220020

 FFF4FF

 000004

 000000

 D000B6

 D015B9

 D02ABB

 D03EBE

 D053C0

 D068C3

 D07DC6

 D092C8

 D0A6CB

 D0BBCD

# Harmonies

## Analogous

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



7257F2



D000B6



F0006C

# Triad

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



D000B6



827300



0090C6

# Complementary

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



D000B6



00D01A

# 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.



008F7A



D000B6



298400

# Square

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



D000B6



BE5200



008C27



008BFC

# Rectangle

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



D000B6



ED003B



008C27



0090AE



# Sweetspot

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



D000B6



FFB3F5



1800D0



80527A



000000



808080



# Same Dimension

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



D000B6



FF00DF



D00050



695E67



A80093



290024



# Inverse Universe

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



D000B6



FF00DF



00D080



695E67



A80093



290024



# Previews

## White Background



This preview shows how the Hex color D000B6 looks on a white background.

## Color Contrast Check

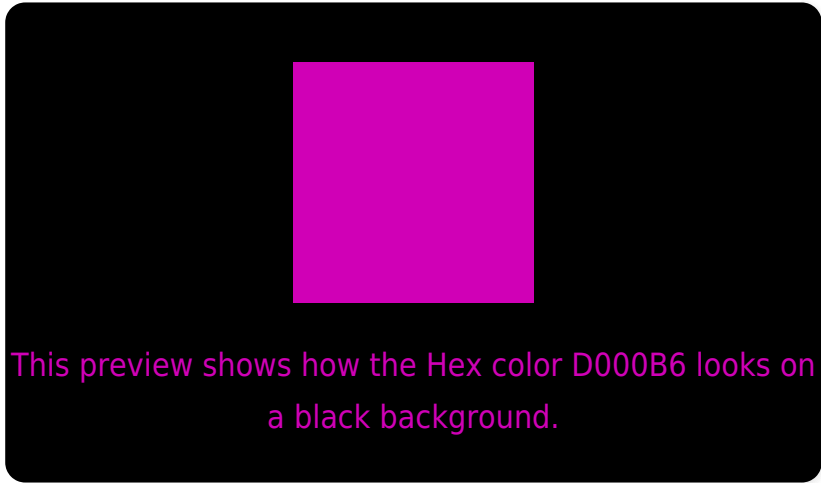
Large Text (above 18pt) WCAG AA ✓ Pass

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

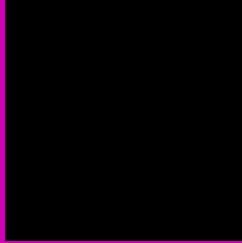
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex D000B6 Background



This preview shows how black text looks on a background with the Hex color D000B6.

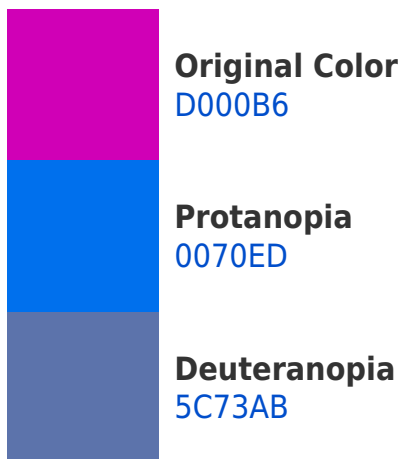



This preview shows how white text looks on a background with the Hex color D000B6.

# 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



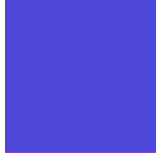


**Tritanopia**  
C6484C

# Trichromacy



**Original Color**  
D000B6



**Protanomaly**  
4C47D9



**Deuteranomaly**  
8649AF



**Tritanomaly**  
CA2E73

# Monochromacy



**Original Color**  
D000B6



**Achromatopsia**  
535353



**Achromatomaly**  
803577

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D000B6 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 #D000B6 looks like.

```
.text, #text, p{  
    color:#D000B6  
}
```

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 #D000B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D000B6
}
```

## Border

The CSS property to change the border of an element to Hex D000B6 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
#D000B6 }
```

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

```
.border{ border-color:#D000B6 }
```

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

Here you see how a box with a 4 pixel #D000B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D000B6; -webkit-box-shadow:4px 4px  
4px 4px #D000B6; box-shadow:4px 4px 4px  
4px #D000B6 }
```

# Background

The CSS property to change the background color of an element to Hex D000B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D000B6 }
```

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

```
.background{ background-color:#D000B6 }
```

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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