

Converting Colors

Hex(D00BBD)

Have a look what the booklet for
Hex(D00BBD) contains.

Hex(D00BBD)	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(D00BBD)

Conversions

Conversions Part 1

Format	Color
Hex	D00BBD
RGB	208, 11, 189
RGB Percent	82%, 4%, 74%
CMY	0.1843, 0.9569, 0.2588
CMYK	0.00, 0.95, 0.09, 0.18
HSL	306°, 90%, 43%
HSV	306°, 95%, 82%
XYZ	35.3174, 17.3234, 49.6264
YIQ	90.1950, 60.2740, 97.1220

Conversions

Conversions Part 2

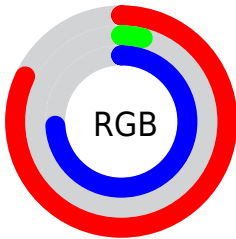
Format	Color
R_{YB}	208, 11, 189
Decimal	13634493
CIE _{Lab}	48.66, 80.73, -42.42
CIE _{LCh}	49, 91.202, 332.279
Yxy	17.3234, 0.3453, 0.1694
Android (android.graphics.Color)	4291824573 (0xFFD00BBD)
YUV	90.1950, 48.7109, 103.3150
Hunter-Lab	41.6213, 78.6272, -41.5584

Details

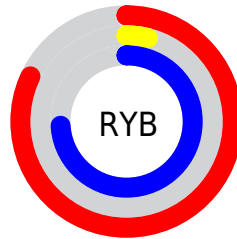
The Hex color **D00BBD** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **0BD01E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF5FF6**, and **950087** is the 20% darker color. If you saturate the color by 10%, you get **D000BC**, and if you desaturate by 10%, it is **D020BF**.

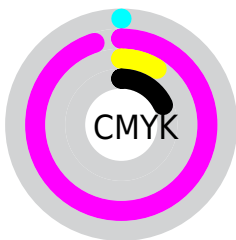
Distribution



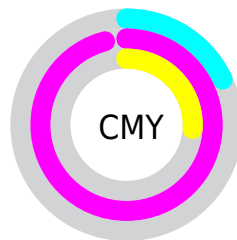
- Red (82%)
- Green (4%)
- Blue (74%)



- Red (82%)
- Yellow (4%)
- Blue (74%)



- Cyan (0%)
- Magenta (95%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (96%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color D00BBD 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 D00BBD by changing the saturation by 10% instead.

 D00BBD

 D00BBD

FFFFFF

 B200A2

 FF5FF6

 950087

 FF7EFF

 78006D

 FF9CFF

 5B0054

 FFBAFF

 41003C

 FFD8FF

 230025

 FFF6FF

 00010D

 000000

 D00BBD

 D00BBD

 D000BC

 D020BF

 D035C1

 D049C3

 D05EC5

 D073C7

 D088C9

 D09DCB

 D0B1CD

 D0C6CF

Harmonies

Analogous

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



6A5BF9



D00BBD



F30071

Triad

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



D00BBD



887300



0092C5

Complementary

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



D00BBD



0BD01E

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.



009178



D00BBD



318500

Square

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



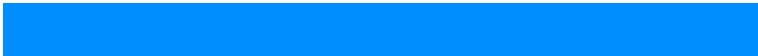
D00BBD



C35000



008E21



008DFE

Rectangle

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



D00BBD



F1003F



008E21



0092AD

Sweetspot

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



D00BBD



FFB8F8



1B0BD0



80547B



000000



808080

Same Dimension

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



D00BBD



FF00E6



D00B5D



695E68



A80098



290025

Inverse Universe

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



D00BBD



FF00E6



0BD07E



695E68



A80098



290025

Previews

White Background



This preview shows how the Hex color D00BBD looks on a white background.

Color Contrast Check

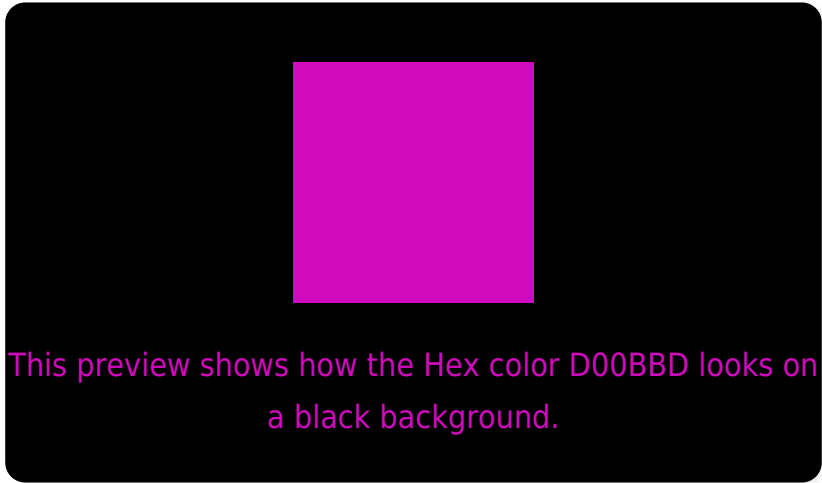
Large Text (above 18pt) WCAG AA ✓ Pass

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 D00BBD Background



This preview shows how black text looks on a background with the Hex color D00BBD.




This preview shows how white text looks on a background with the Hex color D00BBD.

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
C54B4F

Trichromacy



Original Color
D00BBD



Protanomaly
4C4CDD



Deuteranomaly
844EB6



Tritanomaly
C93477

Monochromacy



Original Color
D00BBD



Achromatopsia
5A5A5A



Achromatomaly
853D7E

CSS Examples

Text

The CSS property to change the color of the text to Hex D00BBD 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 #D00BBD looks like.

```
.text, #text, p{  
    color:#D00BBD  
}
```

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 #D00BBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D00BBD
}
```

Border

The CSS property to change the border of an element to Hex D00BBD 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
#D00BBD }
```

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

```
.border{ border-color:#D00BBD }
```

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

Here you see how a box with a 4 pixel #D00BBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D00BBD; -webkit-box-shadow:4px 4px  
4px 4px #D00BBD; box-shadow:4px 4px 4px  
4px #D00BBD }
```

Background

The CSS property to change the background color of an element to Hex D00BBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D00BBD }
```

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

```
.background{ background-color:#D00BBD }
```

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