

# Converting Colors

Hex(D0BBDD)

Have a look what the booklet for  
Hex(D0BBDD) contains.

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# **Color**

**Hex(D0BBDD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0BBDD
RGB	208, 187, 221
RGB Percent	82%, 73%, 87%
CMY	0.1843, 0.2667, 0.1333
CMYK	0.06, 0.15, 0.00, 0.13
HSL	277°, 33%, 80%
HSV	277°, 15%, 87%
XYZ	56.8339, 54.1710, 75.8672
YIQ	197.1550, 1.6020, 15.0260

# Conversions

## Conversions Part 2

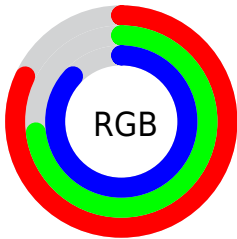
Format	Color
R <sub>YB</sub>	208, 187, 221
Decimal	13679581
CIE Lab	78.56, 13.64, -14.27
CIE LCh	79, 19.744, 313.715
Yxy	54.1710, 0.3041, 0.2899
Android (android.graphics.Color)	4291869661 (0xFFD0BBDD)
YUV	197.1550, 11.7556, 9.5111
Hunter-Lab	73.6010, 9.0342, -9.5949

# Details

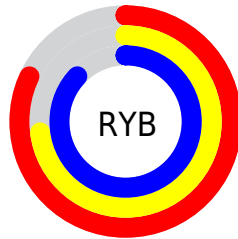
The Hex color **D0BBDD** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **C8DDBB**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFF3FF**, and **9986A6** is the 20% darker color. If you saturate the color by 10%, you get **C8A5DD**, and if you desaturate by 10%, it is **D8D1DD**.

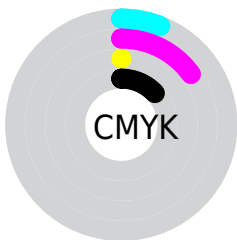
# Distribution



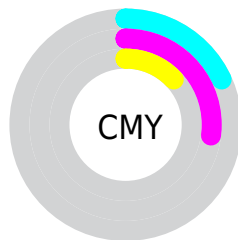
- Red (82%)
- Green (73%)
- Blue (87%)



- Red (82%)
- Yellow (73%)
- Blue (87%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (27%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0BBDD 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 D0BBDD by changing the saturation by 10% instead.



 D0BBDD

 D0BBDD

FFFFFF

 B4A0C1

 FFF3FF

 9986A6

 7F6C8C

 665472

 4E3D59

 372742

 21122C

 060017

 000000

 D0BBDD

 D0BBDD

 C8A5DD

 D8D1DD

 BF8FDD

 E1E7DD

 B779DD

 E9FDDD

 AE63DD

 F2FFDD

 A64DDD

 FAFFDD

 9D36DD

 FFFFDD

 9520DD

 8C0ADD

 8800DD

# Harmonies

## Analogous

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



B9C1E6



D0BBDD



E1B7CD

# Triad

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



D0BBDD



DABEA0



93CDCA

# Complementary

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



D0BBDD



C8DDBB

# 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.



9FCCB7



D0BBDD



C8C49F

# Square

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



D0BBDD



E6B8AA



B3C9A8



93CBDB

# Rectangle

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



D0BBDD



E7B6C1



B3C9A8



96CDC4



# Sweetspot

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



DOBBDD



FAF2FF



BBC8DD



7D7880



000000



808080



# Same Dimension

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



DOBBDD



EDD1FF



DDBBD9



69636E



6B00AD



1C002E



# Inverse Universe

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



DDBBC8



FFD1E3



BBDDBF



6E6367



AD0042

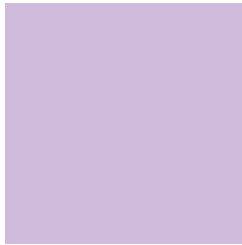


2E0012



# Previews

## White Background



This preview shows how the Hex color D0BBDD looks on a white background.

## Color Contrast Check

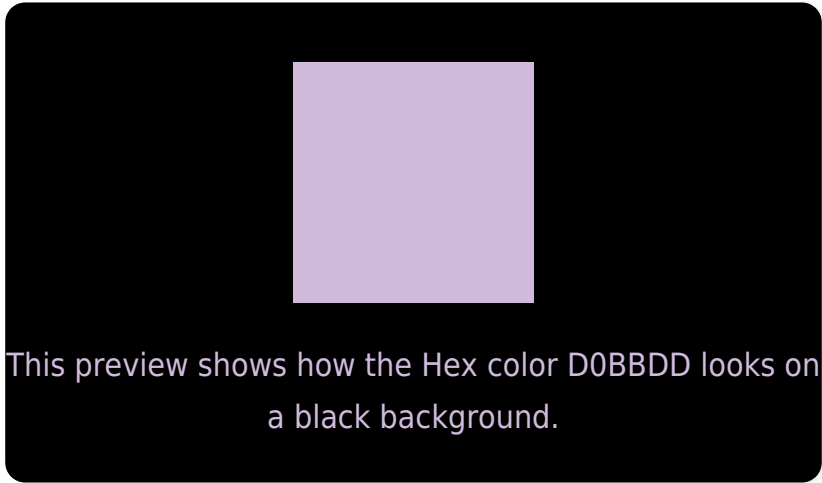
Large Text (above 18pt) WCAG AA × Fail

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

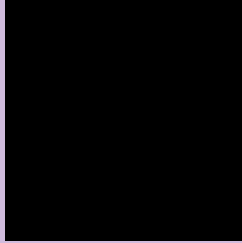
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D0BBDD Background



This preview shows how black text looks on a background with the Hex color D0BBDD.

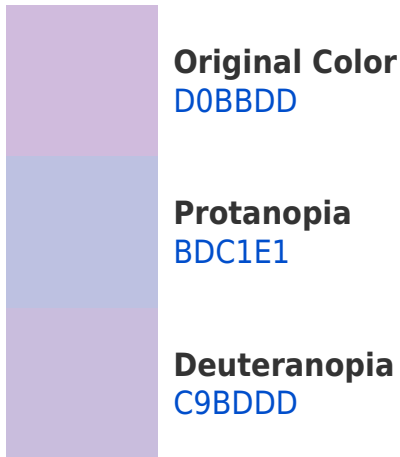


This preview shows how white text looks on a background with the Hex color D0BBDD.

# 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





# Trichromacy



**Original Color**  
D0BBDD

**Protanomaly**  
C4BFEO

**Deuteranomaly**  
CCBCDD

**Tritanomaly**  
CEBDD3

# Monochromacy



**Original Color**  
D0BBDD

**Achromatopsia**  
C5C5C5

**Achromatomaly**  
C9C1CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0BBDD 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 #D0BBDD looks like.

```
.text, #text, p{  
    color:#D0BBDD  
}
```

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 #D0BBDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0BBDD
}
```

## Border

The CSS property to change the border of an element to Hex D0BBDD 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
#D0BBDD }
```

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

```
.border{ border-color:#D0BBDD }
```

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

Here you see how a box with a 4 pixel #D0BBDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0BBDD; -webkit-box-shadow:4px 4px  
4px 4px #D0BBDD; box-shadow:4px 4px 4px  
4px #D0BBDD }
```

# Background

The CSS property to change the background color of an element to Hex D0BBDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0BBDD }
```

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

```
.background{ background-color:#D0BBDD }
```

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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