

# Converting Colors

Hex(D0BCFF)

Have a look what the booklet for  
Hex(D0BCFF) contains.

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# **Color**

**Hex(D0BCFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0BCFF
RGB	208, 188, 255
RGB Percent	82%, 74%, 100%
CMY	0.1843, 0.2627, 0.0000
CMYK	0.18, 0.26, 0.00, 0.00
HSL	258°, 100%, 87%
HSV	258°, 26%, 100%
XYZ	62.0456, 56.5963, 102.2618
YIQ	201.6180, -9.5870, 25.0770

# Conversions

## Conversions Part 2

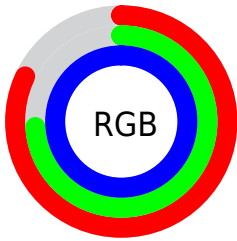
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	208, 188, 255
Decimal	13679871
CIE Lab	79.95, 20.15, -30.43
CIE LCh	80, 36.495, 303.517
Yxy	56.5963, 0.2809, 0.2562
Android (android.graphics.Color)	4291869951 (0xFFD0BCFF)
YUV	201.6180, 26.3173, 5.5970
Hunter-Lab	75.2305, 15.5627, -27.9322

# Details

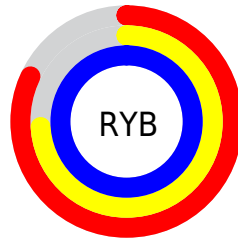
The Hex color **D0BCFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EBFFBC**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF4FF**, and **9987C6** is the 20% darker color. If you saturate the color by 10%, you get **BEA3FF**, and if you desaturate by 10%, it is **E2D6FF**.

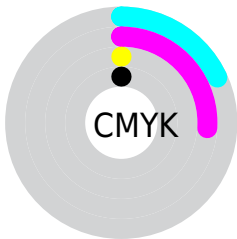
# Distribution



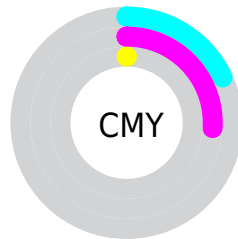
- Red (82%)
- Green (74%)
- Blue (100%)



- Red (82%)
- Yellow (74%)
- Blue (100%)



- Cyan (18%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (26%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0BCFF 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 D0BCFF by changing the saturation by 10% instead.



 D0BCFF

 D0BCFF

FFFFFF

 B4A1E2

 FFF4FF

 9987C6

 7E6DAB

 645590

 4B3E76

 33275D

 1B1345

 09002F

 000119

 D0BCFF

 D0BCFF

 BEA3FF

 E2D6FF

 AC89FF

 F4EFFF

 9A70FF

FFFFFF

 8856FF

 773DFF

 6523FF

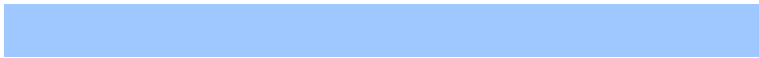
 530AFF

 4C00FF

# Harmonies

## Analogous

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



9EC8FF



D0BCFF



F5B1E5

# Triad

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



D0BCFF



F7BA8A



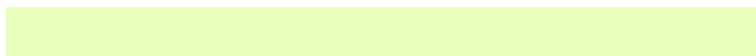
66D9C9

# Complementary

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



D0BCFF



EBFFBC

# 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.



8DD6A7



D0BCFF



DAC582

# Square

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



D0BCFF



FFB0A2



B5CF8D



51D8EB

# Rectangle

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



D0BCFF



FFADCF



B5CF8D



72D8BD



# Sweetspot

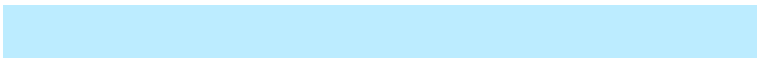
The Sweet Spot groups the original color and five complimentary colors.



D0BCFF



F1EBFF



BCECFE



777380



000000



808080



# Same Dimension

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



D0BCFF



C6ADFF



F0BCFF



777380



3900BF



130040



# Inverse Universe

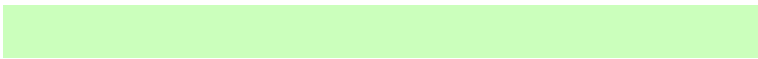
The Inverse Universe completely reimagines the original color for something new.



FFBCEB



FFADE7



CBFFBC



80737C



BF0086

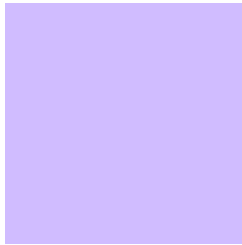


40002D



# Previews

## White Background



This preview shows how the Hex color D0BCFF 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

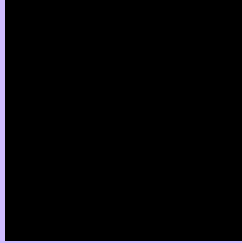
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D0BCFF Background



This preview shows how black text looks on a background with the Hex color D0BCFF.



This preview shows how white text looks on a background with the Hex color D0BCFF.

# 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](#).

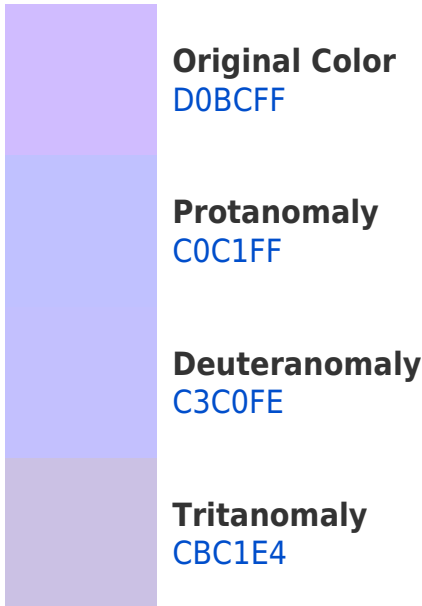
## Dichromacy



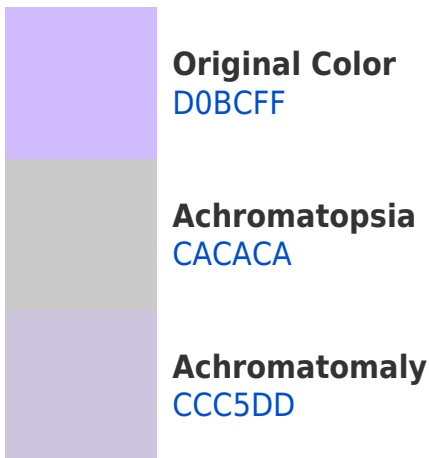


**Tritanopia**  
C8C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0BCFF 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 #D0BCFF looks like.

```
.text, #text, p{  
    color:#D0BCFF  
}
```

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 #D0BCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0BCFF
}
```

## Border

The CSS property to change the border of an element to Hex D0BCFF 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
#D0BCFF }
```

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

```
.border{ border-color:#D0BCFF }
```

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

Here you see how a box with a 4 pixel #D0BCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0BCFF; -webkit-box-shadow:4px 4px  
4px 4px #D0BCFF; box-shadow:4px 4px 4px  
4px #D0BCFF }
```

# Background

The CSS property to change the background color of an element to Hex D0BCFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0BCFF }
```

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

```
.background{ background-color:#D0BCFF }
```

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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