

Converting Colors

Hex(D0BDFF)

Have a look what the booklet for
Hex(D0BDFF) contains.

Hex(D0BDFF)	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(D0BDFF)

Conversions

Conversions Part 1

Format	Color
Hex	D0BDFF
RGB	208, 189, 255
RGB Percent	82%, 74%, 100%
CMY	0.1843, 0.2588, 0.0000
CMYK	0.18, 0.26, 0.00, 0.00
HSL	257°, 100%, 87%
HSV	257°, 26%, 100%
XYZ	62.2600, 57.0251, 102.3332
YIQ	202.2050, -9.8620, 24.5540

Conversions

Conversions Part 2

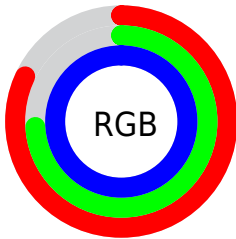
Format	Color
R _Y B	208, 189, 255
Decimal	13680127
CIE Lab	80.19, 19.61, -30.06
CIE LCh	80, 35.886, 303.122
Yxy	57.0251, 0.2809, 0.2573
Android (android.graphics.Color)	4291870207 (0xFFD0BDFF)
YUV	202.2050, 26.0279, 5.0822
Hunter-Lab	75.5150, 15.0172, -27.4857

Details

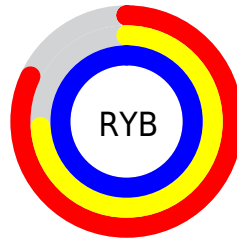
The Hex color **D0BDFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **ECFFBD**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFF5FF**, and **9988C6** is the 20% darker color. If you saturate the color by 10%, you get **BEA4FF**, and if you desaturate by 10%, it is **E2D7FF**.

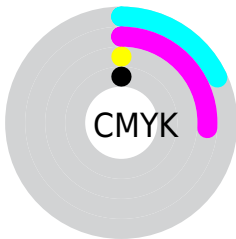
Distribution



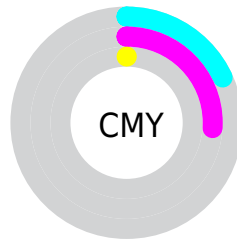
- Red (82%)
- Green (74%)
- Blue (100%)



- 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 D0BDFF 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 D0BDFF by changing the saturation by 10% instead.

 D0BDFF

 D0BDFF

FFFFFF

 B4A2E2

 FFF5FF

 9988C6

 7E6EAB

 645690

 4B3E76

 33285D

 1B1445

 09002F

 000119

 D0BDFF

 D0BDFF

 BEA4FF

 E2D7FF

 AC8AFF

 F4F0FF

 9A71FF

FFFFFF

 8757FF

 753EFF

 6324FF

 510BFF

 4900FF

Harmonies

Analogous

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



9FC9FF



D0BDFF



F5B2E6

Triad

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



D0BDFE



F7BB8C



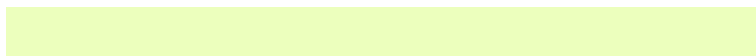
69D9C9

Complementary

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



D0BDFF



ECFFBD

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.



8FD6A8



D0BDFF



DBC684

Square

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



D0BDFE



FFB1A4



B7D08E



56D8EA

Rectangle

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



D0BDFF



FFAED0



B7D08E



75D9BE

Sweetspot

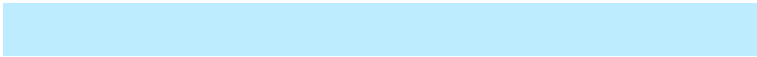
The Sweet Spot groups the original color and five complimentary colors.



D0BDFF



F0EBFF



BDECFF



767380



000000



808080

Same Dimension

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



D0BDFF



C7B0FF



F1BDFF



767380



3700BF



120040

Inverse Universe

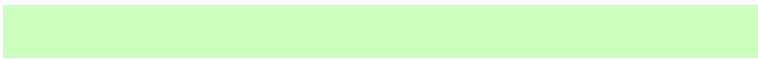
The Inverse Universe completely reimagines the original color for something new.



FFBDEC



FFB0E8



CBFFBD



80737C



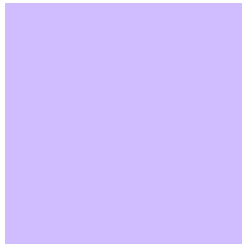
BF0088



40002D

Previews

White Background



This preview shows how the Hex color D0BDFF looks on a white background.

Color Contrast Check

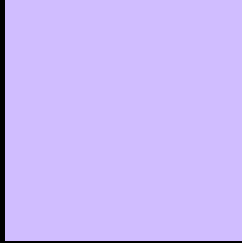
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color D0BDFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

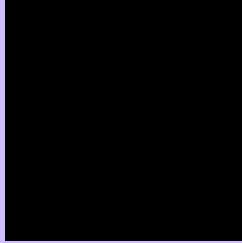
Any Text WCAG AA ✓ Pass

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 D0BDFF Background



This preview shows how black text looks on a background with the Hex color D0BDFF.

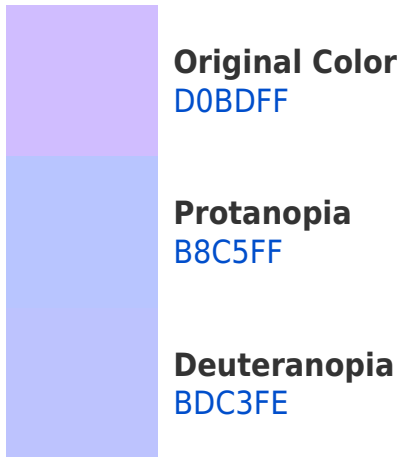


This preview shows how white text looks on a background with the Hex color D0BDFF.

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](#).

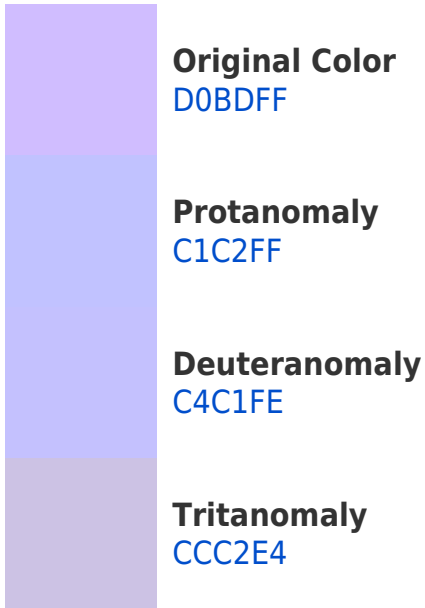
Dichromacy



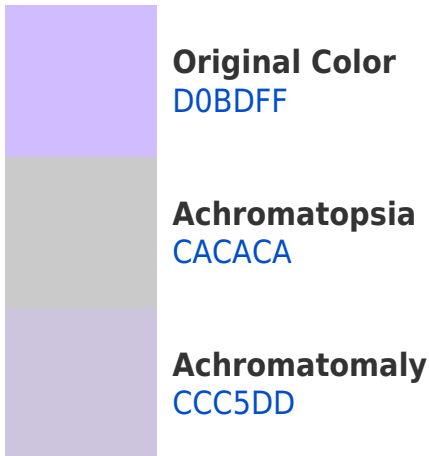


Tritanopia
C9C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0BDFF 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 #D0BDFF looks like.

```
.text, #text, p{  
    color:#D0BDFF  
}
```

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 #D0BDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0BDFF
}
```

Border

The CSS property to change the border of an element to Hex D0BDFF 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
#D0BDFF }
```

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

```
.border{ border-color:#D0BDFF }
```

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

Here you see how a box with a 4 pixel #D0BDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0BDFF; -webkit-box-shadow:4px 4px  
4px 4px #D0BDFF; box-shadow:4px 4px 4px  
4px #D0BDFF }
```

Background

The CSS property to change the background color of an element to Hex D0BDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0BDFF }
```

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

```
.background{ background-color:#D0BDFF }
```

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