

# Converting Colors

Hex(DDB0FB)

Have a look what the booklet for  
Hex(DDB0FB) contains.

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# **Color**

**Hex(DDB0FB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DDB0FB
RGB	221, 176, 251
RGB Percent	87%, 69%, 98%
CMY	0.1333, 0.3098, 0.0157
CMYK	0.12, 0.30, 0.00, 0.02
HSL	276°, 90%, 84%
HSV	276°, 30%, 98%
XYZ	62.7567, 53.3879, 98.2640
YIQ	198.0050, 2.7450, 32.8650

# Conversions

## Conversions Part 2

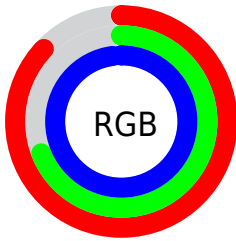
Format	Color
R <sub>Y</sub> B	221, 176, 251
Decimal	14528763
CIE Lab	78.10, 29.77, -31.03
CIE LCh	78, 43.000, 313.816
Yxy	53.3879, 0.2927, 0.2490
Android (android.graphics.Color)	4292718843 (0xFFDDB0FB)
YUV	198.0050, 26.1265, 20.1666
Hunter-Lab	73.0670, 25.4451, -28.5892

# Details

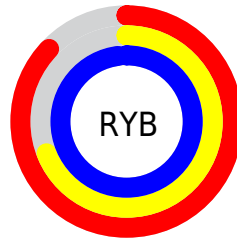
The Hex color **DDB0FB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CEFBB0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFE8FF**, and **A57BC2** is the 20% darker color. If you saturate the color by 10%, you get **D397FB**, and if you desaturate by 10%, it is **E7C9FB**.

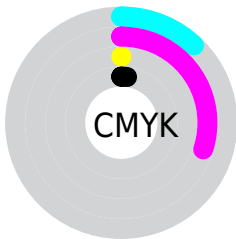
# Distribution



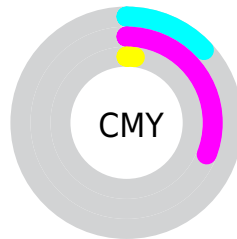
- Red (87%)
- Green (69%)
- Blue (98%)



- Red (87%)
- Yellow (69%)
- Blue (98%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (31%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDB0FB 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 DDB0FB by changing the saturation by 10% instead.



 DDB0FB

 DDB0FB

FFFFFF

 C195DE

 FFE8FF

 A57BC2


 8A62A7

 70498C

 563273

 3E1B5A

 260542

 11002C

 000116

 DDB0FB

 DDB0FB

 D397FB

 E7C9FB

 C97EFB

 F1E2FB

 BF65FB

 FBF6FB

 B54CFB

 FFFFFB

 AB33FB

 A119FB

 9700FB

# Harmonies

## Analogous

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



A5BFFF



DDB0FB



FFA4D8

# Triad

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



DDB0FB



EEB775



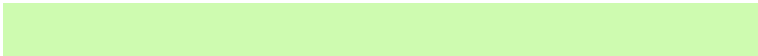
24D6D3

# Complementary

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



DDB0FB



CEFBB0

# 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.



69D5AA



DDB0FB



C9C572

# Square

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



DDB0FB



FFAA8C



9CCF86



00D3F7

# Rectangle

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



DDB0FB



FFA2BD



9CCF86



3FD6C5



# Sweetspot

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



DDB0FB



F6E8FF



B0CEFB



7A7180



000000



808080



# Same Dimension

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



DDB0FB



DAA3FF



FBB0F4



78707D



7100BD



25003D



# Inverse Universe

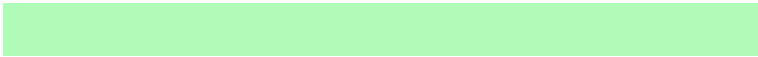
The Inverse Universe completely reimagines the original color for something new.



FBB0CE



FFA3C8



B0FBB7



7D7075



BD004B



3D0018



# Previews

## White Background



This preview shows how the Hex color DDB0FB looks on a white background.

## Color Contrast Check

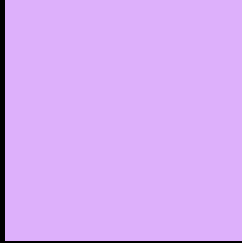
Large Text (above 18pt) WCAG AA × Fail

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 DDB0FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

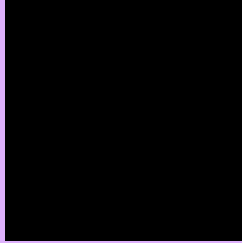
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DDB0FB Background



This preview shows how black text looks on a background with the Hex color DDB0FB.




This preview shows how white text looks on a background with the Hex color DDB0FB.

# 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**  
D5BAC8

# Trichromacy



**Original Color**  
DDB0FB



**Protanomaly**  
C0BAFE



**Deuteranomaly**  
C5B9F9



**Tritanomaly**  
D8B6DB

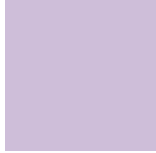
# Monochromacy



**Original Color**  
DDB0FB



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
CEBED9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDB0FB 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 #DDB0FB looks like.

```
.text, #text, p{  
    color:#DDB0FB  
}
```

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 #DDB0FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDB0FB
}
```

## Border

The CSS property to change the border of an element to Hex DDB0FB 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
#DDB0FB }
```

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

```
.border{ border-color:#DDB0FB }
```

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

Here you see how a box with a 4 pixel #DDB0FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDB0FB; -webkit-box-shadow:4px 4px  
4px 4px #DDB0FB; box-shadow:4px 4px 4px  
4px #DDB0FB }
```

# Background

The CSS property to change the background color of an element to Hex DDB0FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDB0FB }
```

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

```
.background{ background-color:#DDB0FB }
```

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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