

# Converting Colors

Hex(D3B0FF)

Have a look what the booklet for  
Hex(D3B0FF) contains.

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# **Color**

**Hex(D3B0FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3B0FF
RGB	211, 176, 255
RGB Percent	83%, 69%, 100%
CMY	0.1725, 0.3098, 0.0000
CMYK	0.17, 0.31, 0.00, 0.00
HSL	267°, 100%, 85%
HSV	267°, 31%, 100%
XYZ	60.4393, 52.1196, 101.4823
YIQ	195.4710, -4.4990, 31.9890

# Conversions

## Conversions Part 2

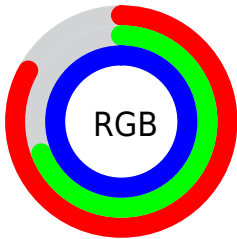
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">211, 176, 255</a>
Decimal	<a href="#">13873407</a>
CIELab	<a href="#">77.35, 27.58, -34.41</a>
CIELCh	<a href="#">77, 44.100, 308.715</a>
Yxy	<a href="#">52.1196, 0.2824, 0.2435</a>
Android (android.graphics.Color)	<a href="#">4292063487 (0xFFD3B0FF)</a>
YUV	<a href="#">195.4710, 29.3478, 13.6189</a>
Hunter-Lab	<a href="#">72.1939, 23.0974, -32.8077</a>

# Details

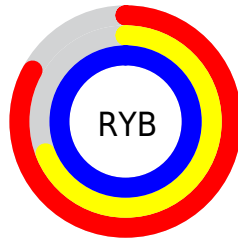
The Hex color **D3B0FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **DCFFB0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFE8FF**, and **9B7BC6** is the 20% darker color. If you saturate the color by 10%, you get **C596FF**, and if you desaturate by 10%, it is **E1CAFF**.

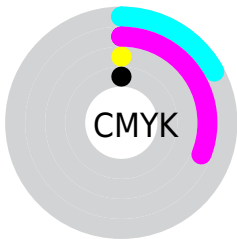
# Distribution



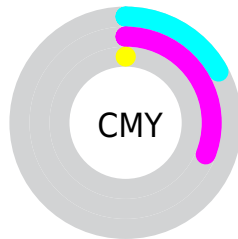
- Red (83%)
- Green (69%)
- Blue (100%)



- Red (83%)
- Yellow (69%)
- Blue (100%)



- Cyan (17%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (31%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3B0FF 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 D3B0FF by changing the saturation by 10% instead.



 D3B0FF


FFFFFF

 FFE8FF

 D3B0FF

 B795E2

 9B7BC6

 8162AB

 674A90

 4D3376

 341C5D

 1B0745

 00002E

 000118

 D3B0FF

 D3B0FF

 C596FF

 E1CAFF

 B77DFF

 EFE3FF

 A863FF

 FEFDFE

 9A4AFF

 FFFFFFFF

 8C31FF

 7E17FF

 7100FF

# Harmonies

## Analogous

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



96BFFF



D3B0FF



FCA3DE

# Triad

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



D3B0FF



F2B273



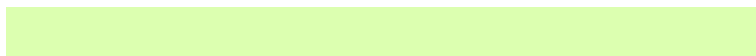
24D5CA

# Complementary

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



D3B0FF



DCFFB0

# 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.



6DD2A0



D3B0FF



CEC16D

# Square

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



D3B0FF



FFA58E



A1CC7E



00D3F1

# Rectangle

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



D3B0FF



FF9FC2



A1CC7E



42D5BC



# Sweetspot

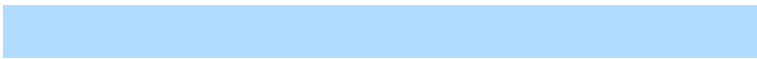
The Sweet Spot groups the original color and five complimentary colors.



D3B0FF



F2E8FF



B0DDFF



787180



000000



808080



# Same Dimension

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



D3B0FF



CAA1FF



FAB0FF



787380



5500BF



1C0040



# Inverse Universe

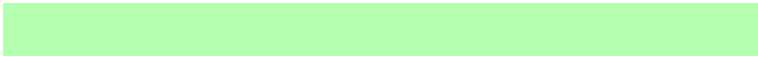
The Inverse Universe completely reimagines the original color for something new.



FFB0DC



FFA1D5



B5FFB0



80737A



BF006B

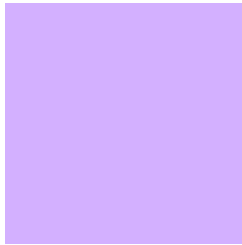


400024



# Previews

## White Background



This preview shows how the Hex color D3B0FF looks on a white background.

## Color Contrast Check

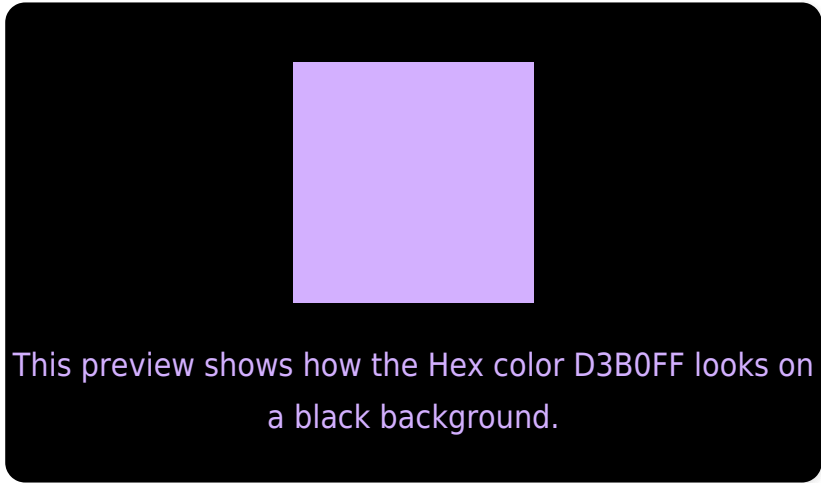
Large Text (above 18pt) WCAG AA × Fail

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 D3B0FF Background



This preview shows how black text looks on a background with the Hex color D3B0FF.

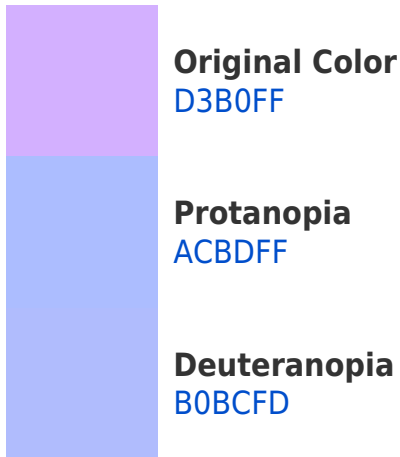


This preview shows how white text looks on a background with the Hex color D3B0FF.

# Color Blindness Simulation

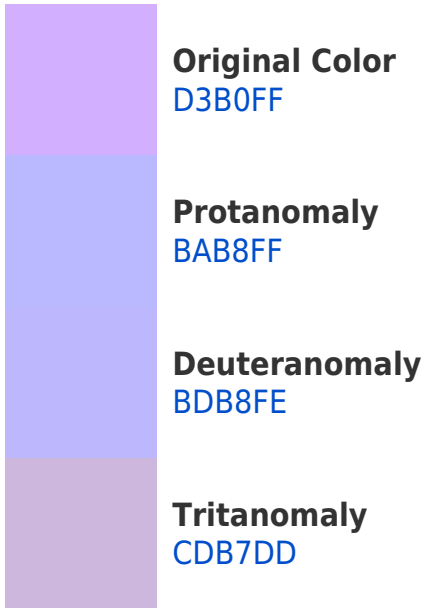
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

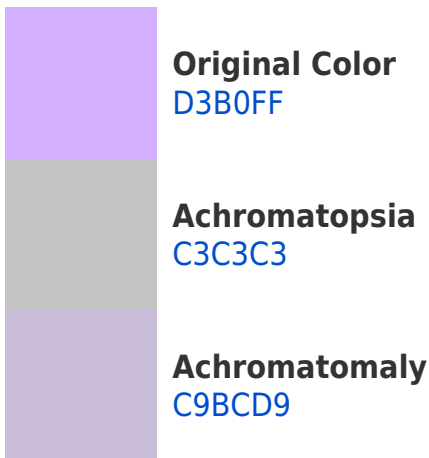




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3B0FF 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 #D3B0FF looks like.

```
.text, #text, p{  
    color:#D3B0FF  
}
```

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 #D3B0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3B0FF
}
```

## Border

The CSS property to change the border of an element to Hex D3B0FF 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
#D3B0FF }
```

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

```
.border{ border-color:#D3B0FF }
```

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

Here you see how a box with a 4 pixel #D3B0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3B0FF; -webkit-box-shadow:4px 4px  
4px 4px #D3B0FF; box-shadow:4px 4px 4px  
4px #D3B0FF }
```

# Background

The CSS property to change the background color of an element to Hex D3B0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3B0FF }
```

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

```
.background{ background-color:#D3B0FF }
```

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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