

# Converting Colors

Hex(D3BFEA)

Have a look what the booklet for  
Hex(D3BFEA) contains.

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# **Color**

**Hex(D3BFEA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3BFEA
RGB	211, 191, 234
RGB Percent	83%, 75%, 92%
CMY	0.1725, 0.2510, 0.0824
CMYK	0.10, 0.18, 0.00, 0.08
HSL	268°, 51%, 83%
HSV	268°, 18%, 92%
XYZ	60.3461, 57.0510, 85.6733
YIQ	201.8820, -1.8830, 17.6130

# Conversions

## Conversions Part 2

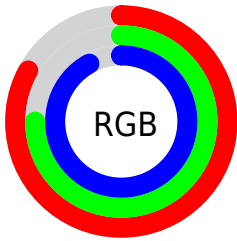
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 191, 234
Decimal	13877226
CIE Lab	80.21, 15.05, -18.76
CIE LCh	80, 24.054, 308.733
Yxy	57.0510, 0.2972, 0.2809
Android (android.graphics.Color)	4292067306 (0xFFD3BFEA)
YUV	201.8820, 15.8342, 7.9965
Hunter-Lab	75.5321, 10.4306, -14.3780

# Details

The Hex color **D3BFEA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D6EABF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFF7FF**, and **9C8AB2** is the 20% darker color. If you saturate the color by 10%, you get **C6A8EA**, and if you desaturate by 10%, it is **E0D6EA**.

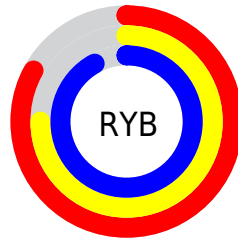
# Distribution



Red (83%)

Green (75%)

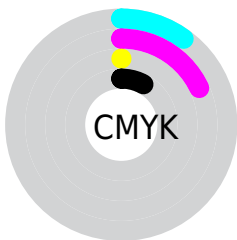
Blue (92%)



Red (83%)

Yellow (75%)

Blue (92%)

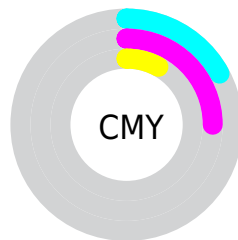


Cyan (10%)

Magenta (18%)

Yellow (0%)

Black (8%)



Cyan (17%)

Magenta (25%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3BFEA 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 D3BFEA by changing the saturation by 10% instead.



 D3BFEA

FFFFFF

 FFF7FF

 D3BFEA

 B7A4CE

 9C8AB2

 827097

 69587D

 504064

 392A4C

 221535

 100021

 000005

 D3BFEA

 D3BFEA

 C6A8EA

 E0D6EA

 BA90EA

 ECEEEE

 AD79EA

 F9FFEA

 A161EA

 FFFFEA

 944AEA

 8833EA

 7B1BEA

 6F04EA

 6D00EA

# Harmonies

## Analogous

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



B5C7F3



D3BFEA



EAB9D8

# Triad

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



D3BFEA



E6C09E



8DD4CD

# Complementary

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



D3BFEA



D6EABF

# 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.



9FD2B6



D3BFEA



D1C89B

# Square

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



D3BFEA



F3BAAC



B8CEA3



89D2E2

# Rectangle

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



D3BFEA



F2B7C9



B8CEA3



91D4C5



# Sweetspot

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



D3BFEA



F7F0FF



BFD7EA



7B7780



000000



808080



# Same Dimension

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



D3BFEA



E1C7FF



E8BFEA



6F6A75



5400B5



190036



# Inverse Universe

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



EABFD6



FFC7E5



C1EABF



756A70



B50061

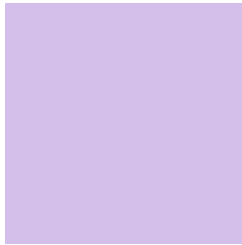


36001D



# Previews

## White Background



This preview shows how the Hex color D3BFEA looks on a white background.

## Color Contrast Check

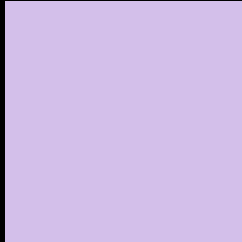
Large Text (above 18pt) WCAG AA × Fail

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 D3BFEA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

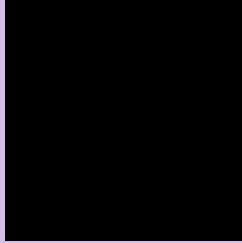
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D3BFEA Background



This preview shows how black text looks on a background with the Hex color D3BFEA.

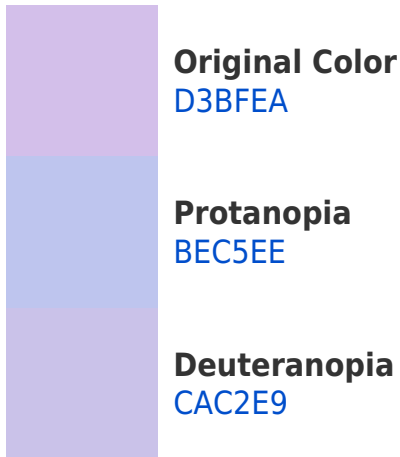


This preview shows how white text looks on a background with the Hex color D3BFEA.

# 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**  
D3BFEA

**Protanomaly**  
C6C3ED

**Deuteranomaly**  
CDC1E9

**Tritanomaly**  
D0C2DB

# Monochromacy



**Original Color**  
D3BFEA

**Achromatopsia**  
CACACA

**Achromatomaly**  
CDC6D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3BFEA 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 #D3BFEA looks like.

```
.text, #text, p{  
    color:#D3BFEA  
}
```

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 #D3BFEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3BFEA
}
```

## Border

The CSS property to change the border of an element to Hex D3BFEA 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
#D3BFEA }
```

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

```
.border{ border-color:#D3BFEA }
```

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

Here you see how a box with a 4 pixel #D3BFEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3BFEA; -webkit-box-shadow:4px 4px  
4px 4px #D3BFEA; box-shadow:4px 4px 4px  
4px #D3BFEA }
```

# Background

The CSS property to change the background color of an element to Hex D3BFEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3BFEA }
```

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

```
.background{ background-color:#D3BFEA }
```

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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