

# Converting Colors

Hex(DB7EFC)

Have a look what the booklet for  
Hex(DB7EFC) contains.

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# Color

**Hex(DB7EFC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB7EFC
RGB	219, 126, 252
RGB Percent	86%, 49%, 99%
CMY	0.1412, 0.5059, 0.0118
CMYK	0.13, 0.50, 0.00, 0.01
HSL	284°, 95%, 74%
HSV	284°, 50%, 99%
XYZ	54.2450, 37.0101, 96.3801
YIQ	168.1710, 14.9820, 58.9020

# Conversions

## Conversions Part 2

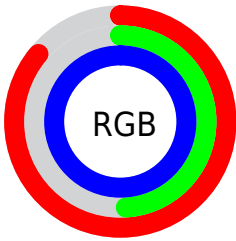
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 126, 252
Decimal	14384892
CIE Lab	67.28, 55.76, -48.44
CIE LCh	67, 73.857, 319.018
Yxy	37.0101, 0.2891, 0.1972
Android (android.graphics.Color)	4292574972 (0xFFDB7EFC)
YUV	168.1710, 41.3277, 44.5770
Hunter-Lab	60.8359, 52.6986, -51.3459

# Details

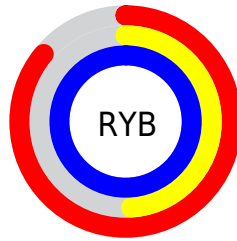
The Hex color **DB7EFC** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **9FFC7E**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB5FF**, and **A148C3** is the 20% darker color. If you saturate the color by 10%, you get **D465FC**, and if you desaturate by 10%, it is **E297FC**.

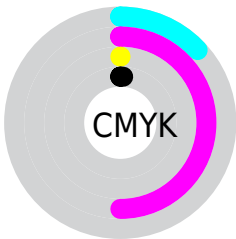
# Distribution



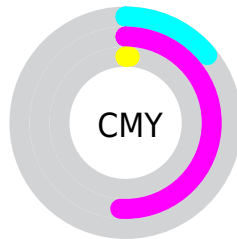
- Red (86%)
- Green (49%)
- Blue (99%)



- Red (86%)
- Yellow (49%)
- Blue (99%)



- Cyan (13%)
- Magenta (50%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (51%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB7EFC 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 DB7EFC by changing the saturation by 10% instead.



 DB7EFC

 DB7EFC

FFFFFF

 BE63DF

 FFB5FF

 A148C3

 FFD2FF

 862DA7

 FFEFFF

 6A0A8C

 4F0072

 340059

 1B0041

 00022A

 000114

 DB7EFC

 DB7EFC

 D465FC

 E297FC

 CE4CFC

 E8B0FC

 C732FC

 EFCAFC

 C119FC

 F5E3FC

 BA00FC

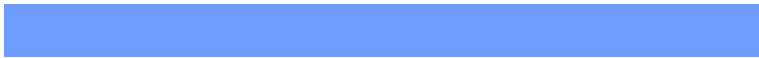
 FCFCFC

 FFFFC

# Harmonies

## Analogous

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



6E9DFF



DB7EFC



FF63BF

# Triad

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



DB7EFC



D89800



00C3CD

# Complementary

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



DB7EFC



9FFC7E

# 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.



00C188



DB7EFC



9BAD00

# Square

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



DB7EFC



FF7C40



45BA45



00BFFF

# Rectangle

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



DB7EFC



FF5F93



45BA45



00C3B7



# Sweetspot

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



DB7EFC



F5D9FF



7EA0FC



796980



000000



808080



# Same Dimension

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



DB7EFC



D766FF



FC7EDF



7A707D



8B00BD



2D003D



# Inverse Universe

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



FC7E9F



FF668E



7EFC9B



7D7074



BD0031

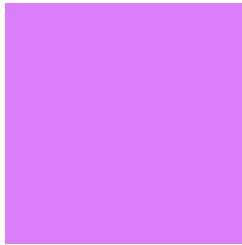


3D0010



# Previews

## White Background



This preview shows how the Hex color DB7EFC looks on a white background.

## Color Contrast Check

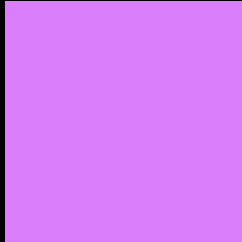
Large Text (above 18pt) WCAG AA × Fail

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 DB7EFC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

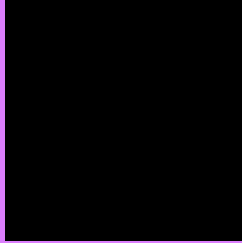
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DB7EFC Background



This preview shows how black text looks on a background with the Hex color DB7EFC.

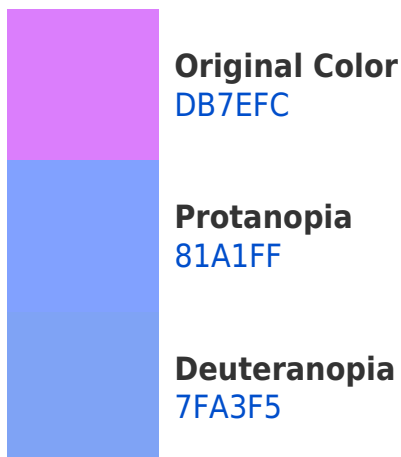


This preview shows how white text looks on a background with the Hex color DB7EFC.

# 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](#).

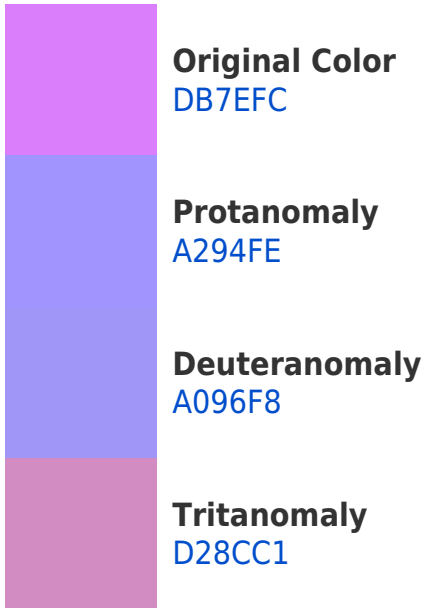
## Dichromacy



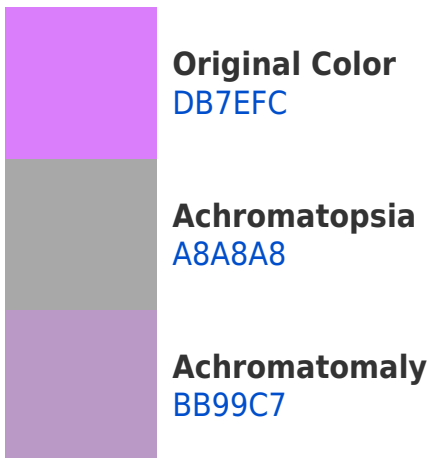


**Tritanopia**  
CD94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB7EFC 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 #DB7EFC looks like.

```
.text, #text, p{  
    color:#DB7EFC  
}
```

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 #DB7EFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB7EFC
}
```

## Border

The CSS property to change the border of an element to Hex DB7EFC 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
#DB7EFC }
```

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

```
.border{ border-color:#DB7EFC }
```

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

Here you see how a box with a 4 pixel #DB7EFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB7EFC; -webkit-box-shadow:4px 4px  
4px 4px #DB7EFC; box-shadow:4px 4px 4px  
4px #DB7EFC }
```

# Background

The CSS property to change the background color of an element to Hex DB7EFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB7EFC }
```

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

```
.background{ background-color:#DB7EFC }
```

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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