

# Converting Colors

Hex(D8D6FC)

Have a look what the booklet for  
Hex(D8D6FC) contains.

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# **Color**

**Hex(D8D6FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8D6FC
RGB	216, 214, 252
RGB Percent	85%, 84%, 99%
CMY	0.1529, 0.1608, 0.0118
CMYK	0.14, 0.15, 0.00, 0.01
HSL	243°, 86%, 91%
HSV	243°, 15%, 99%
XYZ	69.9362, 69.7203, 101.8668
YIQ	218.9300, -11.0060, 12.2420

# Conversions

## Conversions Part 2

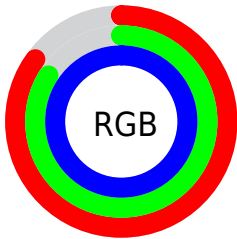
Format	Color
R <sub>Y</sub> B	216, 214, 252
Decimal	14210812
CIE Lab	86.86, 8.04, -18.26
CIE LCh	87, 19.954, 293.749
Yxy	69.7203, 0.2896, 0.2887
Android (android.graphics.Color)	4292400892 (0xFFD8D6FC)
YUV	218.9300, 16.3035, -2.5696
Hunter-Lab	83.4987, 3.3838, -13.8836

# Details

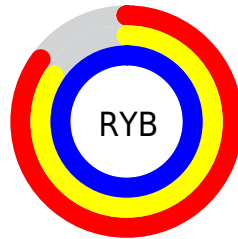
The Hex color **D8D6FC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FAFCD6**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **A19FC3** is the 20% darker color. If you saturate the color by 10%, you get **COBDFC**, and if you desaturate by 10%, it is **F0EFFC**.

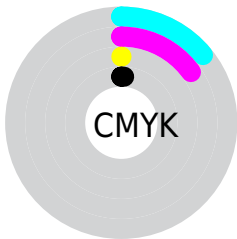
# Distribution



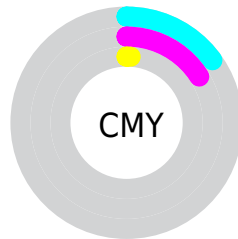
- Red (85%)
- Green (84%)
- Blue (99%)



- Red (85%)
- Yellow (84%)
- Blue (99%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (15%)
- Magenta (16%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8D6FC 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 D8D6FC by changing the saturation by 10% instead.



 D8D6FC

FFFFFF

 D8D6FC

 BCBADF

 A19FC3

 8685A8

 6D6C8E

 545474

 3C3D5B

 262744

 10132D

 000119

 D8D6FC

 D8D6FC

 C0BDFC


 F0EFFC

 A8A4FC


 FFFFC

 908AFC

 7971FC

 6158FC

 493FFC

 3126FC

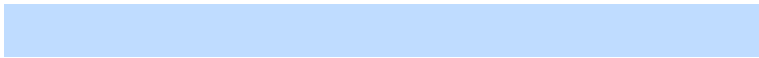
 190CFC

 0D00FC

# Harmonies

## Analogous

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



BFDCFF



D8D6FC



EED0F0

# Triad

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



D8D6FC



FBD1BC



B0E4D5

# Complementary

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



D8D6FC



FAFCD6

# 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.



C2E2C3



D8D6FC



ECD7B4

# Square

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



D8D6FC



FFCDCB



D8DDB7



A7E4E8

# Rectangle

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



D8D6FC



F9CDE5



D8DDB7



B6E4CE



# Sweetspot

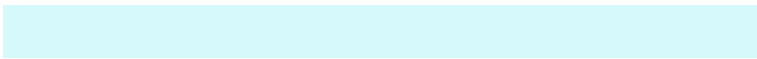
The Sweet Spot groups the original color and five complimentary colors.



D8D6FC



F3F2FF



D6FAFC



787880



000000



808080



# Same Dimension

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



D8D6FC



D4D1FF



EBD6FC



71707D



0A00BD



03003D



# Inverse Universe

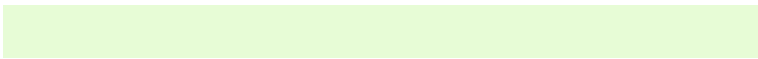
The Inverse Universe completely reimagines the original color for something new.



FCD6FA



FFD1FD



E7FCD6



7D707C



BD00B3

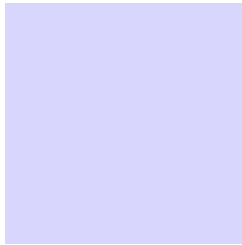


3D003A



# Previews

## White Background



This preview shows how the Hex color D8D6FC looks on a white background.

## Color Contrast Check

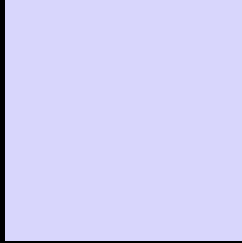
Large Text (above 18pt) WCAG AA × Fail

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 D8D6FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

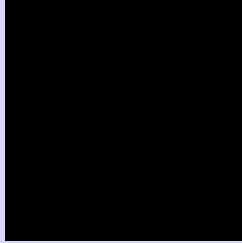
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D8D6FC Background



This preview shows how black text looks on a background with the Hex color D8D6FC.

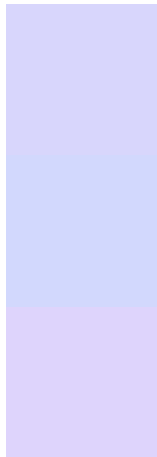


This preview shows how white text looks on a background with the Hex color D8D6FC.

# 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



**Original Color**  
D8D6FC

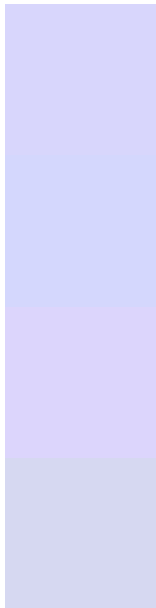
**Protanopia**  
D2D8FD

**Deuteranopia**  
DED4FC



**Tritanopia**  
D5D9EA

# Trichromacy



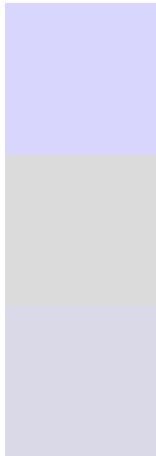
**Original Color**  
D8D6FC

**Protanomaly**  
D4D7FD

**Deuteranomaly**  
DCD5FC

**Tritanomaly**  
D6D8F1

# Monochromacy



**Original Color**  
D8D6FC

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
DAD9E7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8D6FC 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 #D8D6FC looks like.

```
.text, #text, p{  
    color:#D8D6FC  
}
```

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 #D8D6FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8D6FC
}
```

## Border

The CSS property to change the border of an element to Hex D8D6FC 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
#D8D6FC }
```

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

```
.border{ border-color:#D8D6FC }
```

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

Here you see how a box with a 4 pixel #D8D6FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8D6FC; -webkit-box-shadow:4px 4px  
4px 4px #D8D6FC; box-shadow:4px 4px 4px  
4px #D8D6FC }
```

# Background

The CSS property to change the background color of an element to Hex D8D6FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8D6FC }
```

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

```
.background{ background-color:#D8D6FC }
```

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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