

# Converting Colors

Hex(D8CDF8)

Have a look what the booklet for  
Hex(D8CDF8) contains.

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# **Color**

**Hex(D8CDF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8CDF8
RGB	216, 205, 248
RGB Percent	85%, 80%, 97%
CMY	0.1529, 0.1961, 0.0275
CMYK	0.13, 0.17, 0.00, 0.03
HSL	255°, 75%, 89%
HSV	255°, 17%, 97%
XYZ	67.0935, 65.0389, 97.8245
YIQ	213.1910, -7.2470, 15.7050

# Conversions

## Conversions Part 2

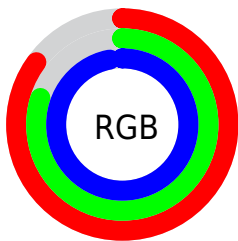
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 205, 248
Decimal	14208504
CIE Lab	84.50, 11.99, -19.70
CIE LCh	85, 23.065, 301.320
Yxy	65.0389, 0.2918, 0.2828
Android (android.graphics.Color)	4292398584 (0xFFD8CDF8)
YUV	213.1910, 17.1608, 2.4635
Hunter-Lab	80.6467, 7.3702, -15.4661

# Details

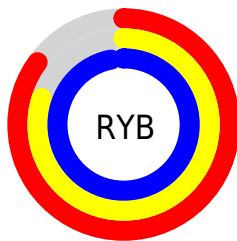
The Hex color **D8CDF8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EDF8CD**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFFF**, and **A197C0** is the 20% darker color. If you saturate the color by 10%, you get **C6B4F8**, and if you desaturate by 10%, it is **EAE6F8**.

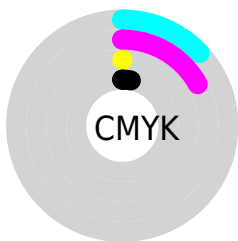
# Distribution



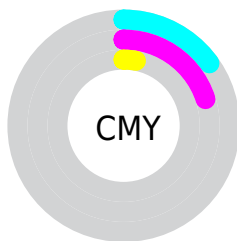
- Red (85%)
- Green (80%)
- Blue (97%)



- Red (85%)
- Yellow (80%)
- Blue (97%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (20%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8CDF8 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 D8CDF8 by changing the saturation by 10% instead.



 D8CDF8

FFFFFF

 D8CDF8

 BCB2DB

 A197C0

 867DA4

 6D648A

 544C70

 3C3558

 262040

 12092A

 000115

 D8CDF8

 D8CDF8

 C6B4F8

 EAE6F8

 B39BF8

 FDF8F8

 A183F8

 F8F8F8

 8E6AF8

 7C51F8

 6938F8

 571FF8

 4407F8

 3F00F8

# Harmonies

## Analogous

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



BBD4FE



D8CDF8



F0C7E8

# Triad

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



D8CDF8



F6CBAD



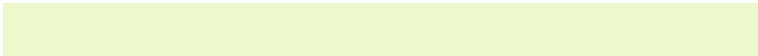
9EDFD3

# Complementary

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



D8CDF8



EDF8CD

# 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.



B2DDBD



D8CDF8



E3D2A8

# Square

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



D8CDF8



FFC5BD



CBD8AD



97DFE9

# Rectangle

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



D8CDF8



FBC4DA



CBD8AD



A4DFCC



# Sweetspot

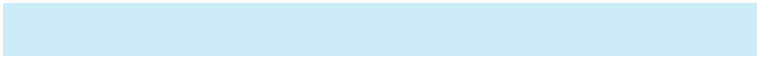
The Sweet Spot groups the original color and five complimentary colors.



D8CDF8



F6F2FF



CDEDF8



7A7880



000000



808080



# Same Dimension

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



D8CDF8



D7C9FF



EDCDF8



74707D



3000BD



10003D



# Inverse Universe

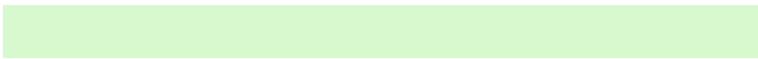
The Inverse Universe completely reimagines the original color for something new.



F8CDED



FFC9F1



D8F8CD



7D707A



BD008C



3D002E



# Previews

## White Background



This preview shows how the Hex color D8CDF8 looks on a white background.

## Color Contrast Check

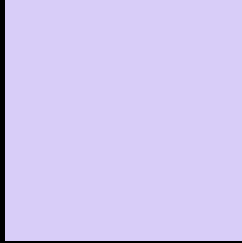
Large Text (above 18pt) WCAG AA × Fail

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 D8CDF8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

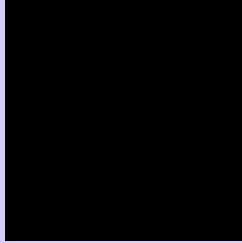
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D8CDF8 Background



This preview shows how black text looks on a background with the Hex color D8CDF8.

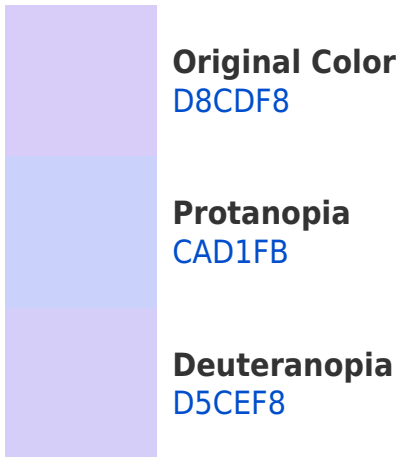


This preview shows how white text looks on a background with the Hex color D8CDF8.

# 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**  
D4D1E1

# Trichromacy



**Original Color**  
D8CDF8

**Protanomaly**  
CFD0FA

**Deuteranomaly**  
D6CEF8

**Tritanomaly**  
D5D0E9

# Monochromacy



**Original Color**  
D8CDF8

**Achromatopsia**  
D5D5D5

**Achromatomaly**  
D6D2E2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8CDF8 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 #D8CDF8 looks like.

```
.text, #text, p{  
    color:#D8CDF8  
}
```

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 #D8CDF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8CDF8
}
```

## Border

The CSS property to change the border of an element to Hex D8CDF8 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
#D8CDF8 }
```

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

```
.border{ border-color:#D8CDF8 }
```

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

Here you see how a box with a 4 pixel #D8CDF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8CDF8; -webkit-box-shadow:4px 4px  
4px 4px #D8CDF8; box-shadow:4px 4px 4px  
4px #D8CDF8 }
```

# Background

The CSS property to change the background color of an element to Hex D8CDF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8CDF8 }
```

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

```
.background{ background-color:#D8CDF8 }
```

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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