

Converting Colors

Hex(DCD8FB)

Have a look what the booklet for
Hex(DCD8FB) contains.

Hex(DCD8FB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DCD8FB)

Conversions

Conversions Part 1

Format	Color
Hex	DCD8FB
RGB	220, 216, 251
RGB Percent	86%, 85%, 98%
CMY	0.1373, 0.1529, 0.0157
CMYK	0.12, 0.14, 0.00, 0.02
HSL	247°, 81%, 92%
HSV	247°, 14%, 98%
XYZ	71.4837, 71.2924, 101.2600
YIQ	221.1860, -8.8510, 11.7330

Conversions

Conversions Part 2

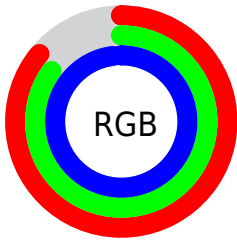
Format	Color
R _{YB}	220, 216, 251
Decimal	14473467
CIE Lab	87.63, 8.03, -16.55
CIE LCh	88, 18.399, 295.890
Yxy	71.2924, 0.2929, 0.2921
Android (android.graphics.Color)	4292663547 (0xFFD8CD8FB)
YUV	221.1860, 14.6983, -1.0401
Hunter-Lab	84.4348, 3.3595, -12.0002

Details

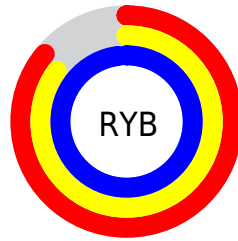
The Hex color **DCD8FB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F7FBD8**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **A5A1C2** is the 20% darker color. If you saturate the color by 10%, you get **C6BFFB**, and if you desaturate by 10%, it is **F2F1FB**.

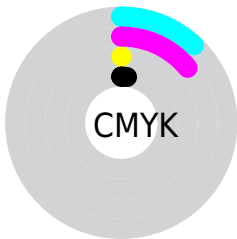
Distribution



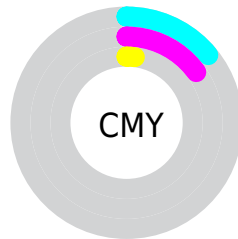
- Red (86%)
- Green (85%)
- Blue (98%)



- Red (86%)
- Yellow (85%)
- Blue (98%)



- Cyan (12%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCD8FB 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 DCD8FB by changing the saturation by 10% instead.

■ DCD8FB

FFFFFF

■ DCD8FB

■ C0BCDE

■ A5A1C2

■ 8A87A7

■ 716E8D

■ 585573

■ 403E5B

■ 2A2843

■ 14142D

■ 000118

 DCD8FB

 DCD8FB

 C6BFFB

 F2F1FB

 B0A6FB

 FFFFFB

 998DFB

 8374FB

 6D5BFB

 5741FB

 4028FB

 2A0FFB

 1D00FB

Harmonies

Analogous

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



C6DEFE



DCD8FB



F0D3F0

Triad

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



DCD8FB



FAD4BF



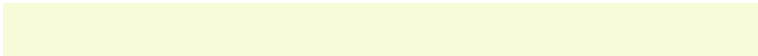
B5E6D9

Complementary

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



DCD8FB



F7FBD8

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.



C5E4C8



DCD8FB



ECDAB9

Square

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



DCD8FB



FFD0CD



D9DFBC



AEE6EA

Rectangle

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



DCD8FB



FAD0E5



D9DFBC



BAE5D3

Sweetspot

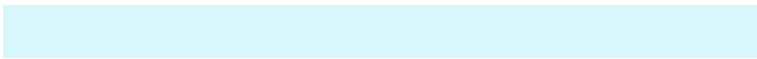
The Sweet Spot groups the original color and five complimentary colors.



DCD8FB



F6F5FF



D8F7FB



7A7980



000000



808080

Same Dimension

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



DCD8FB



D9D4FF



EDD8FB



72707D



1600BD



07003D

Inverse Universe

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



FBD8F7



FFD4FA



E6FBD8



7D707C



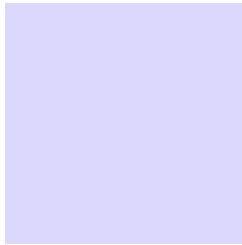
BD00A7



3D0036

Previews

White Background



This preview shows how the Hex color DCD8FB looks on a white background.

Color Contrast Check

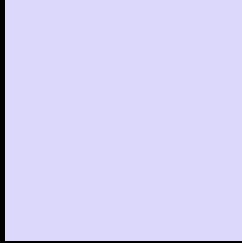
Large Text (above 18pt) WCAG AA × Fail

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 DCD8FB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

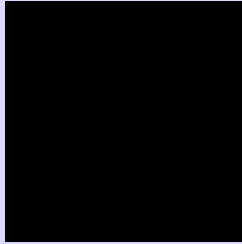
Any Text WCAG AA ✓ Pass

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 DCD8FB Background



This preview shows how black text looks on a background with the Hex color DCD8FB.



This preview shows how white text looks on a background with the Hex color DCD8FB.

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
DCD8FB

Protanopia
D6DAFC

Deuteranopia
E2D6FB

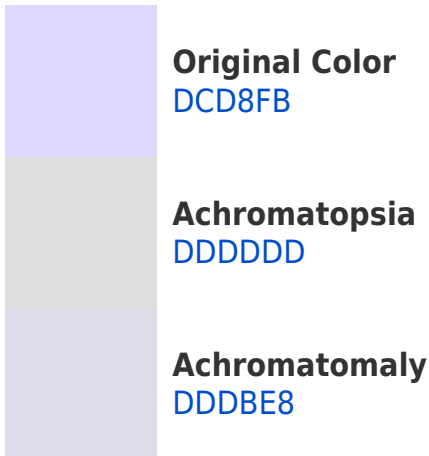


Tritanopia
D9DBEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCD8FB 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 #DCD8FB looks like.

```
.text, #text, p{  
    color:#DCD8FB  
}
```

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 #DCD8FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD8FB
}
```

Border

The CSS property to change the border of an element to Hex DCD8FB 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
#DCD8FB }
```

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

```
.border{ border-color:#DCD8FB }
```

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

Here you see how a box with a 4 pixel #DCD8FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD8FB; -webkit-box-shadow:4px 4px  
4px 4px #DCD8FB; box-shadow:4px 4px 4px  
4px #DCD8FB }
```

Background

The CSS property to change the background color of an element to Hex DCD8FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD8FB }
```

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

```
.background{ background-color:#DCD8FB }
```

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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