

Converting Colors

Hex(DCD3FD)

Have a look what the booklet for
Hex(DCD3FD) contains.

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Color

Hex(DCD3FD)

Conversions

Conversions Part 1

Format	Color
Hex	DCD3FD
RGB	220, 211, 253
RGB Percent	86%, 83%, 99%
CMY	0.1373, 0.1725, 0.0078
CMYK	0.13, 0.17, 0.00, 0.01
HSL	253°, 91%, 91%
HSV	253°, 17%, 99%
XYZ	70.5391, 68.8960, 102.5090
YIQ	218.4790, -8.1180, 14.9700

Conversions

Conversions Part 2

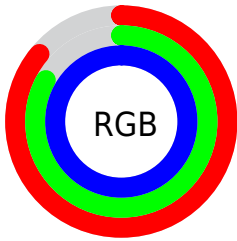
Format	Color
R _Y B	220, 211, 253
Decimal	14472189
CIE Lab	86.45, 11.08, -19.38
CIE LCh	86, 22.322, 299.771
Yxy	68.8960, 0.2916, 0.2848
Android (android.graphics.Color)	4292662269 (0xFFDCD3FD)
YUV	218.4790, 17.0189, 1.3339
Hunter-Lab	83.0036, 6.4385, -15.1202

Details

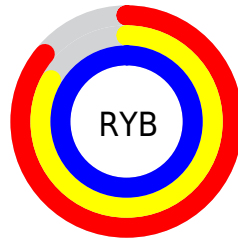
The Hex color `DCD3FD` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `F4FDD3`, and the grayscale version is `DADADA`.

A 20% lighter version of the original color is `FFFFFF`, and `A59DC4` is the 20% darker color. If you saturate the color by 10%, you get `C8BAFD`, and if you desaturate by 10%, it is `F0ECFD`.

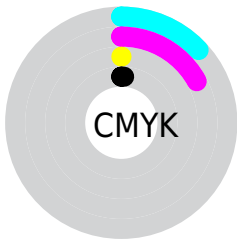
Distribution



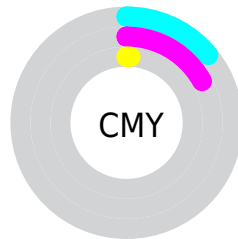
- Red (86%)
- Green (83%)
- Blue (99%)



- Red (86%)
- Yellow (83%)
- Blue (99%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCD3FD 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 DCD3FD by changing the saturation by 10% instead.

 DCD3FD

FFFFFF

 DCD3FD

 C0B7E0

 A59DC4

 8A82A9

 70698E

 585175

 403A5C

 292544

 13102E

 000119

 DCD3FD

 DCD3FD

 C8BAFD

 F0ECFD

 B4A0FD

FFFFFFD

 A087FD

 8C6EFD

 7955FD

 653BFD

 5122FD

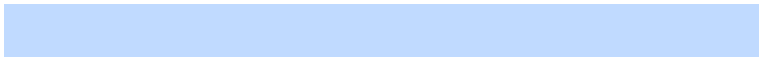
 3D09FD

 3600FD

Harmonies

Analogous

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



C0DAFF



DCD3FD



F4CDEE

Triad

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



DCD3FD



FBD0B5



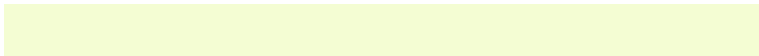
A6E5D7

Complementary

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



DCD3FD



F4FDD3

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.



BAE2C2



DCD3FD



E9D7AE

Square

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



DCD3FD



FFCBC4



D2DDB3



9FE4ED

Rectangle

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



DCD3FD



FFCAE0



D2DDB3



ACE4D0

Sweetspot

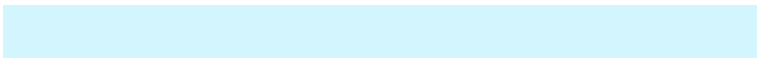
The Sweet Spot groups the original color and five complimentary colors.



DCD3FD



F5F2FF



D3F5FD



797880



000000



808080

Same Dimension

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



DCD3FD



D7CCFF



F0D3FD



757380



2900BF



0E0040

Inverse Universe

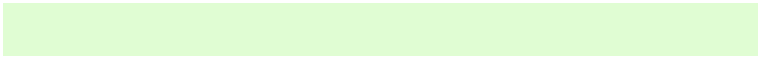
The Inverse Universe completely reimagines the original color for something new.



FDD3F4



FFCCF4



E0FDD3



80737D



BF0096



400032

Previews

White Background



This preview shows how the Hex color DCD3FD looks on a white background.

Color Contrast Check

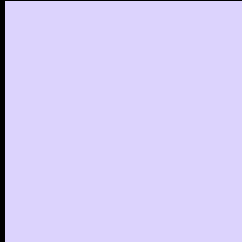
Large Text (above 18pt) WCAG AA × Fail

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 DCD3FD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

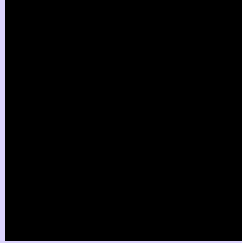
Any Text WCAG AA ✓ Pass

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 DCD3FD Background



This preview shows how black text looks on a background with the Hex color DCD3FD.

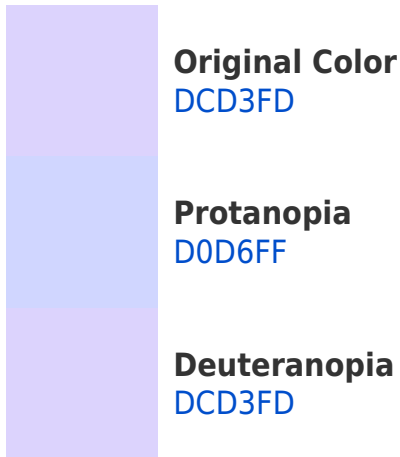


This preview shows how white text looks on a background with the Hex color DCD3FD.

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



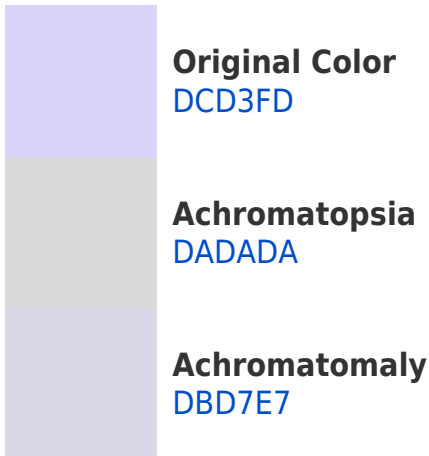


Tritanopia
D8D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCD3FD 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 #DCD3FD looks like.

```
.text, #text, p{  
    color:#DCD3FD  
}
```

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 #DCD3FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD3FD
}
```

Border

The CSS property to change the border of an element to Hex DCD3FD 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
#DCD3FD }
```

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

```
.border{ border-color:#DCD3FD }
```

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

Here you see how a box with a 4 pixel #DCD3FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD3FD; -webkit-box-shadow:4px 4px  
4px 4px #DCD3FD; box-shadow:4px 4px 4px  
4px #DCD3FD }
```

Background

The CSS property to change the background color of an element to Hex DCD3FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD3FD }
```

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

```
.background{ background-color:#DCD3FD }
```

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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