

Converting Colors

Hex(DCD8FE)

Have a look what the booklet for
Hex(DCD8FE) contains.

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Color

Hex(DCD8FE)

Conversions

Conversions Part 1

Format	Color
Hex	DCD8FE
RGB	220, 216, 254
RGB Percent	86%, 85%, 100%
CMY	0.1373, 0.1529, 0.0039
CMYK	0.13, 0.15, 0.00, 0.00
HSL	246°, 95%, 92%
HSV	246°, 15%, 100%
XYZ	71.9605, 71.4831, 103.7708
YIQ	221.5280, -9.8140, 12.6660

Conversions

Conversions Part 2

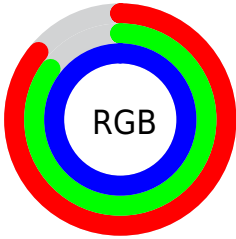
Format	Color
R _{YB}	220, 216, 254
Decimal	14473470
CIE Lab	87.72, 8.64, -17.99
CIE LCh	88, 19.962, 295.661
Yxy	71.4831, 0.2911, 0.2892
Android (android.graphics.Color)	4292663550 (0xFFD8CD8FE)
YUV	221.5280, 16.0087, -1.3401
Hunter-Lab	84.5477, 3.9669, -13.5870

Details

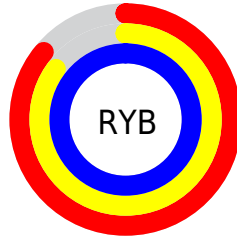
The Hex color `DCD8FE` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `FAFED8`, and the grayscale version is `DDDDDD`.

A 20% lighter version of the original color is `FFFFFF`, and `A5A1C5` is the 20% darker color. If you saturate the color by 10%, you get `C5BFFE`, and if you desaturate by 10%, it is `F3F1FE`.

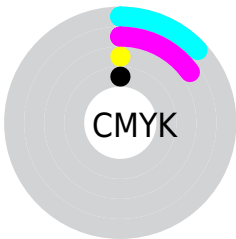
Distribution



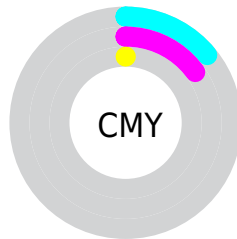
- Red (86%)
- Green (85%)
- Blue (100%)



- Red (86%)
- Yellow (85%)
- Blue (100%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color DCD8FE 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 DCD8FE by changing the saturation by 10% instead.

■ DCD8FE

FFFFFF

■ DCD8FE

■ C0BCE1

■ A5A1C5

■ 8A87AA

■ 716E8F

■ 585576

■ 403E5D

■ 292845

■ 13142F

■ 00011A

 DCD8FE

 DCD8FE


 C5BFFE

 F3F1FE

 AFA5FE

FFFFFFE

 988CFE

 8172FE

 6A59FE

 5440FE

 3D26FE

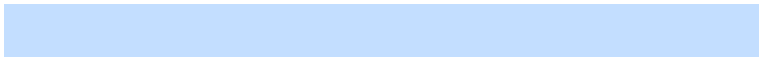
 260DFE

 1B00FE

Harmonies

Analogous

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



C3DEFF



DCD8FE



F2D2F2

Triad

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



DCD8FE



FDD4BD



B2E7D8

Complementary

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



DCD8FE



FAFED8

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.



C4E4C6



DCD8FE



EEDAB6

Square

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



DCD8FE



FFD0CC



D9E0BA



AAE7EC

Rectangle

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



DCD8FE



FDD0E6



D9E0BA



B7E6D2

Sweetspot

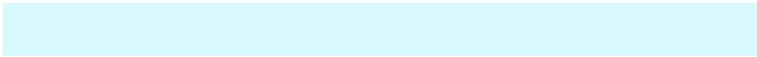
The Sweet Spot groups the original color and five complimentary colors.



DCD8FE



F6F5FF



D8FAFE



7A7980



000000



808080

Same Dimension

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



DCD8FE



D6D1FF



EFD8FE



747380



1400BF



070040

Inverse Universe

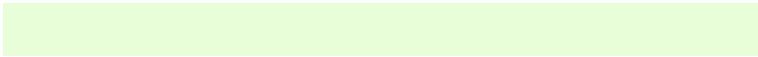
The Inverse Universe completely reimagines the original color for something new.



FED8FA



FFD1FA



E7FED8



80737E



BF00AB



400039

Previews

White Background



This preview shows how the Hex color DCD8FE looks on a white background.

Color Contrast Check

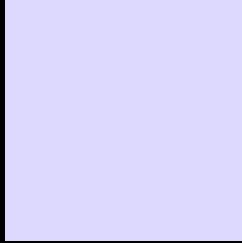
Large Text (above 18pt) WCAG AA × Fail

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 DCD8FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

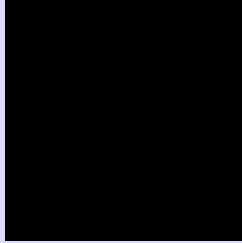
Any Text WCAG AA ✓ Pass

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 DCD8FE Background



This preview shows how black text looks on a background with the Hex color DCD8FE.



This preview shows how white text looks on a background with the Hex color DCD8FE.

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](#).

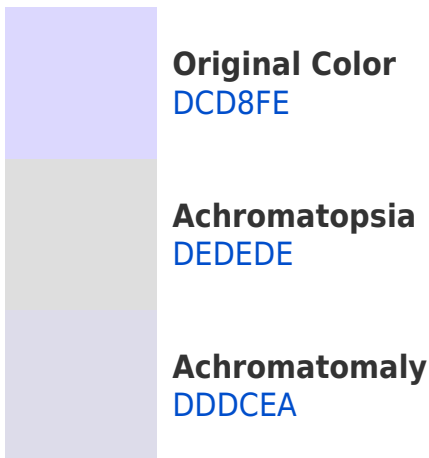
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCD8FE 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 #DCD8FE looks like.

```
.text, #text, p{  
    color:#DCD8FE  
}
```

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 #DCD8FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD8FE
}
```

Border

The CSS property to change the border of an element to Hex DCD8FE 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
#DCD8FE }
```

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

```
.border{ border-color:#DCD8FE }
```

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

Here you see how a box with a 4 pixel #DCD8FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD8FE; -webkit-box-shadow:4px 4px  
4px 4px #DCD8FE; box-shadow:4px 4px 4px  
4px #DCD8FE }
```

Background

The CSS property to change the background color of an element to Hex DCD8FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD8FE }
```

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

```
.background{ background-color:#DCD8FE }
```

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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