

Converting Colors

Hex(DCE3FB)

Have a look what the booklet for
Hex(DCE3FB) contains.

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Color

Hex(DCE3FB)

Conversions

Conversions Part 1

Format	Color
Hex	DCE3FB
RGB	220, 227, 251
RGB Percent	86%, 89%, 98%
CMY	0.1373, 0.1098, 0.0157
CMYK	0.12, 0.10, 0.00, 0.02
HSL	226°, 79%, 92%
HSV	226°, 12%, 98%
XYZ	74.3969, 77.1188, 102.2311
YIQ	227.6430, -11.8760, 5.9800

Conversions

Conversions Part 2

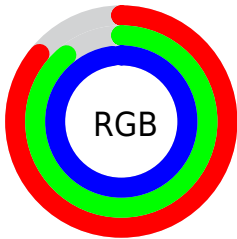
Format	Color
R _Y B	220, 226, 251
Decimal	14476283
CIE Lab	90.38, 2.28, -12.43
CIE LCh	90, 12.641, 280.380
Yxy	77.1188, 0.2932, 0.3039
Android (android.graphics.Color)	4292666363 (0xFFDCE3FB)
YUV	227.6430, 11.5150, -6.7029
Hunter-Lab	87.8173, -2.4592, -7.5493

Details

The Hex color **DCE3FB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **FBF4DC**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFFF**, and **A5ACC2** is the 20% darker color. If you saturate the color by 10%, you get **C3D0FB**, and if you desaturate by 10%, it is **F5F6FB**.

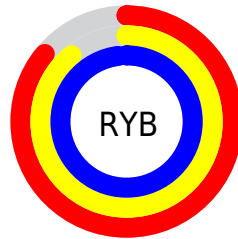
Distribution



Red (86%)

Green (89%)

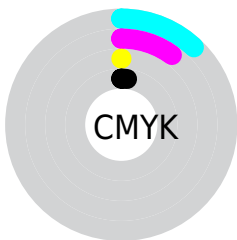
Blue (98%)



Red (86%)

Yellow (89%)

Blue (98%)

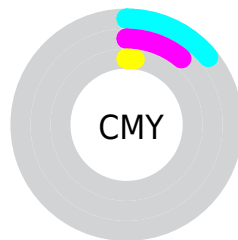


Cyan (12%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (14%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCE3FB 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 DCE3FB by changing the saturation by 10% instead.

 DCE3FB


FFFFFF

 DCE3FB

 C0C7DE

 A5ACC2

 8A91A7

 71788D

 585F73

 40475B

 2A3143

 141C2D

 000119

 DCE3FB

 DCE3FB

 C3D0FB

 F5F6FB

 AABC FB

 FFFFFB

 91A9FB

 7895FB

 5F82FB

 456E FB

 2C5B FB

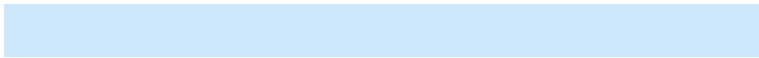
 1348FB

 0039FB

Harmonies

Analogous

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



CEE7FA



DCE3FB



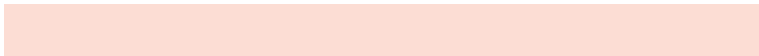
EBDFF6

Triad

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



DCE3FB



FCDDD4



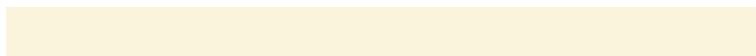
CEEADB

Complementary

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



DCE3FB



FBF4DC

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.



DBE8D1



DCE3FB



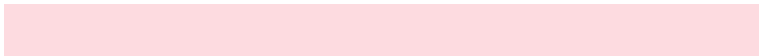
F5E0CD

Square

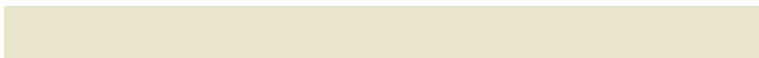
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCE3FB



FDDBE0



E9E4CC



C6EBE7

Rectangle

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



DCE3FB



F4DDF0



E9E4CC



D2E9D7

Sweetspot

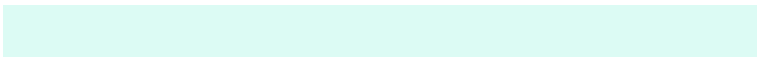
The Sweet Spot groups the original color and five complimentary colors.



DCE3FB



F5F7FF



DCFBF4



797B80



000000



808080

Same Dimension

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



DCE3FB



D9E1FF



E4DCFB



70737D



002BBD



000E3D

Inverse Universe

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



FBDCE3



FFD9E1



F3FBDC



7D7073



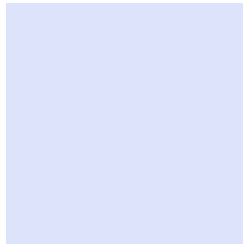
BD002B



3D000E

Previews

White Background



This preview shows how the Hex color DCE3FB looks on a white background.

Color Contrast Check

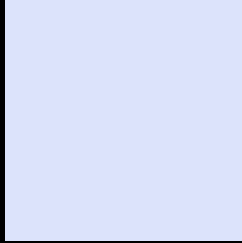
Large Text (above 18pt) WCAG AA × Fail

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 DCE3FB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

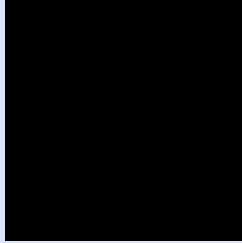
Any Text WCAG AA ✓ Pass

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 DCE3FB Background



This preview shows how black text looks on a background with the Hex color DCE3FB.



This preview shows how white text looks on a background with the Hex color DCE3FB.

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](#).

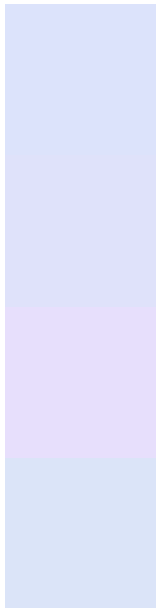
Dichromacy





Tritanopia
DBE4F6

Trichromacy



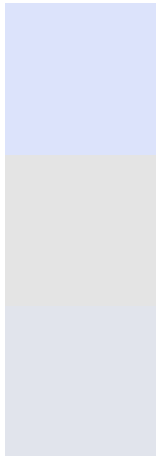
Original Color
DCE3FB

Protanomaly
DFE2FA

Deuteranomaly
E7DFFC

Tritanomaly
DBE4F8

Monochromacy



Original Color
DCE3FB

Achromatopsia
E4E4E4

Achromatomaly
E1E4EC

CSS Examples

Text

The CSS property to change the color of the text to Hex DCE3FB 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 #DCE3FB looks like.

```
.text, #text, p{  
    color:#DCE3FB  
}
```

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 #DCE3FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE3FB  
}
```

Border

The CSS property to change the border of an element to Hex DCE3FB 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  
#DCE3FB }
```

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

```
.border{ border-color:#DCE3FB }
```

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

Here you see how a box with a 4 pixel #DCE3FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE3FB; -webkit-box-shadow:4px 4px  
4px 4px #DCE3FB; box-shadow:4px 4px 4px  
4px #DCE3FB }
```

Background

The CSS property to change the background color of an element to Hex DCE3FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE3FB }
```

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

```
.background{ background-color:#DCE3FB }
```

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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