

Converting Colors

Hex(CDE6FE)

Have a look what the booklet for
Hex(CDE6FE) contains.

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Color

Hex(CDE6FE)

Conversions

Conversions Part 1

Format	Color
Hex	CDE6FE
RGB	205, 230, 254
RGB Percent	80%, 90%, 100%
CMY	0.1961, 0.0980, 0.0039
CMYK	0.19, 0.09, 0.00, 0.00
HSL	209°, 96%, 90%
HSV	209°, 19%, 100%
XYZ	71.3630, 76.7285, 104.8148
YIQ	225.2610, -22.6040, 2.1640

Conversions

Conversions Part 2

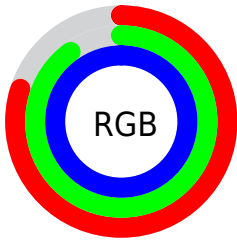
Format	Color
R _Y B	205, 222, 254
Decimal	13494014
CIE Lab	90.20, -3.30, -14.38
CIE LCh	90, 14.753, 257.082
Yxy	76.7285, 0.2822, 0.3034
Android (android.graphics.Color)	4291684094 (0xFFCDE6FE)
YUV	225.2610, 14.1683, -17.7689
Hunter-Lab	87.5948, -7.8679, -9.6292

Details

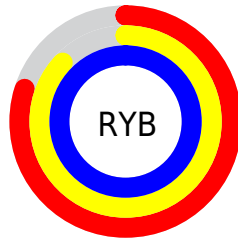
The Hex color **CDE6FE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **FEE5CD**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **96AFC5** is the 20% darker color. If you saturate the color by 10%, you get **B4DAFE**, and if you desaturate by 10%, it is **E6F2FE**.

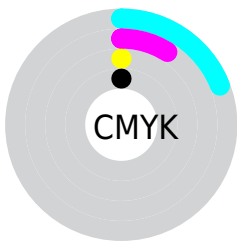
Distribution



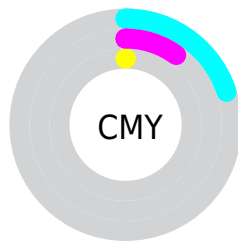
- Red (80%)
- Green (90%)
- Blue (100%)



- Red (80%)
- Yellow (87%)
- Blue (100%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDE6FE 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 CDE6FE by changing the saturation by 10% instead.

 CDE6FE

FFFFFF

 CDE6FE

 B1CAE1

 96AFC5

 7C94AA

 627A90

 4A6176

 324A5D

 1A3346

 011E2F

 00031B

 CDE6FE

 CDE6FE

 B4DAFE

 E6F2FE

 9ACDFE

FFFFFFE

 81C1FE

 67B4FE

 4EA8FE

 359BFE

 1B8FFE

 0282FE

 0082FE

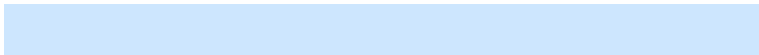
Harmonies

Analogous

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



C2EAF7



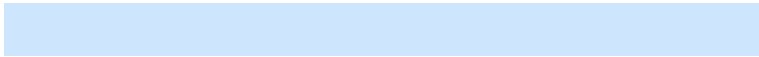
CDE6FE



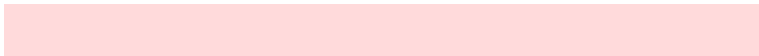
DEE1FE

Triad

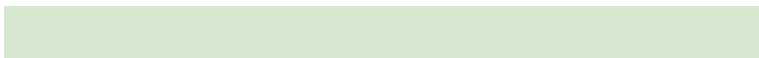
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDE6FE



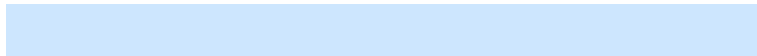
FFDADB



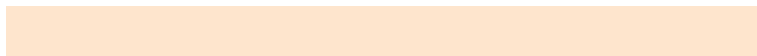
D5E8CF

Complementary

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



CDE6FE



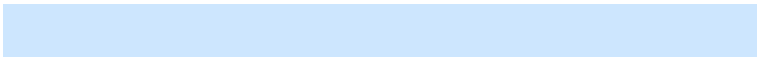
FEE5CD

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.



E6E5C8



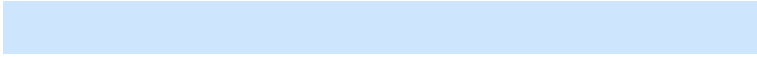
CDE6FE



FFDCCF

Square

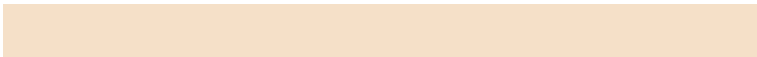
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDE6FE



FCDAEA



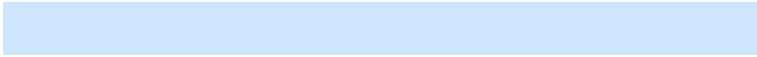
F5E0C8



C7EBDC

Rectangle

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



CDE6FE



EADEF9



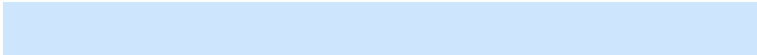
F5E0C8



DBE7CC

Sweetspot

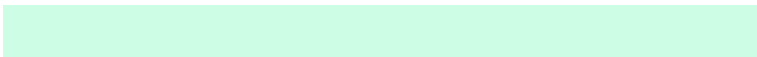
The Sweet Spot groups the original color and five complimentary colors.



CDE6FE



F0F8FF



CDFEE5



777B80



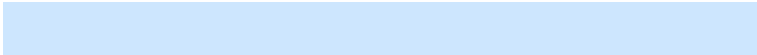
000000



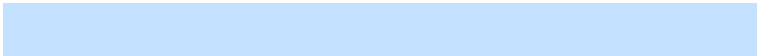
808080

Same Dimension

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



CDE6FE



C4E2FF



CDCEFE



737980



0062BF



002140

Inverse Universe

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



FECDE6



FFC4E2



FEFDCD



807379



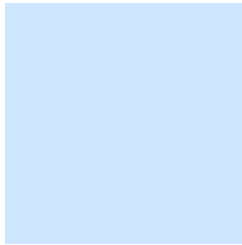
BF0062



400021

Previews

White Background



This preview shows how the Hex color CDE6FE looks on a white background.

Color Contrast Check

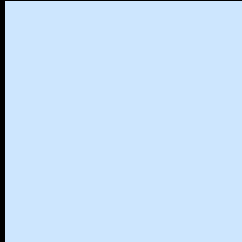
Large Text (above 18pt) WCAG AA × Fail

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 CDE6FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

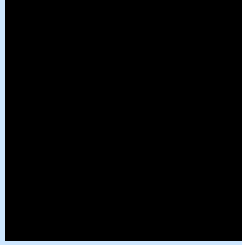
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

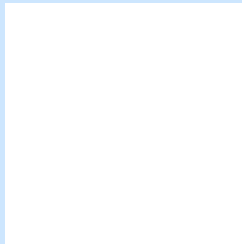
Any Text WCAG AAA ✓ Pass

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

Hex CDE6FE Background



This preview shows how black text looks on a background with the Hex color CDE6FE.

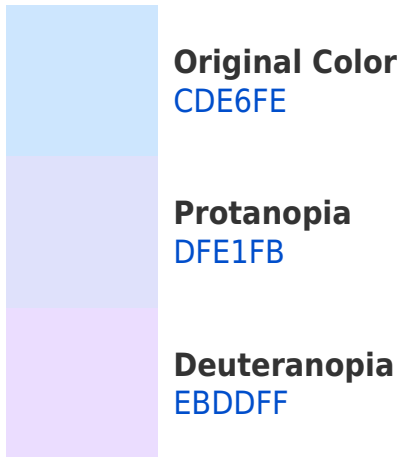


This preview shows how white text looks on a background with the Hex color CDE6FE.

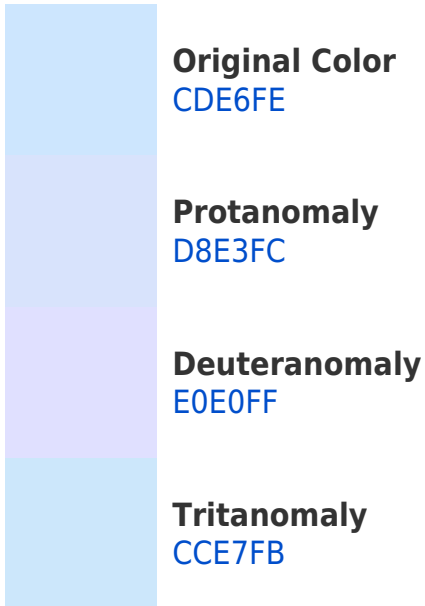
Color Blindness Simulation

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](#).

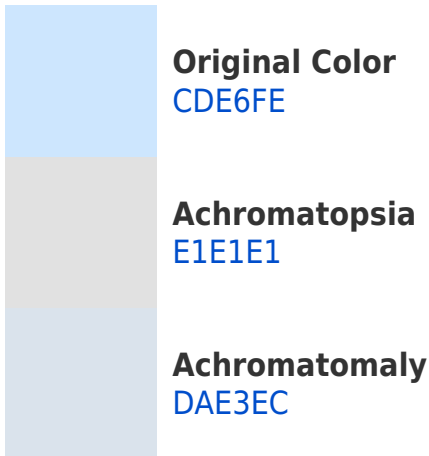
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDE6FE 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 #CDE6FE looks like.

```
.text, #text, p{  
    color:#CDE6FE  
}
```

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 #CDE6FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE6FE
}
```

Border

The CSS property to change the border of an element to Hex CDE6FE 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
#CDE6FE }
```

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

```
.border{ border-color:#CDE6FE }
```

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

Here you see how a box with a 4 pixel #CDE6FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE6FE; -webkit-box-shadow:4px 4px  
4px 4px #CDE6FE; box-shadow:4px 4px 4px  
4px #CDE6FE }
```

Background

The CSS property to change the background color of an element to Hex CDE6FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE6FE }
```

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

```
.background{ background-color:#CDE6FE }
```

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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