

Converting Colors

Hex(CDE1F7)

Have a look what the booklet for
Hex(CDE1F7) contains.

Hex(CDE1F7)	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(CDE1F7)

Conversions

Conversions Part 1

Format	Color
Hex	CDE1F7
RGB	205, 225, 247
RGB Percent	80%, 88%, 97%
CMY	0.1961, 0.1176, 0.0314
CMYK	0.17, 0.09, 0.00, 0.03
HSL	211°, 72%, 89%
HSV	211°, 17%, 97%
XYZ	68.8906, 73.5450, 98.5604
YIQ	221.5280, -18.9820, 2.6020

Conversions

Conversions Part 2

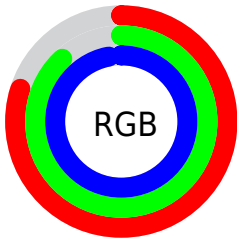
Format	Color
R _{YB}	205, 219, 247
Decimal	13492727
CIE _{Lab}	88.71, -2.19, -12.94
CIE _{LCh}	89, 13.123, 260.402
Yxy	73.5450, 0.2859, 0.3052
Android (android.graphics.Color)	4291682807 (0xFFCDE1F7)
YUV	221.5280, 12.5577, -14.4951
Hunter-Lab	85.7584, -6.6863, -8.1100

Details

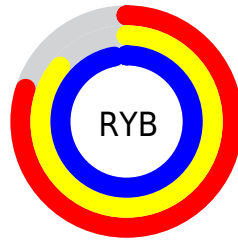
The Hex color **CDE1F7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **F7E3CD**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **96AABF** is the 20% darker color. If you saturate the color by 10%, you get **B4D4F7**, and if you desaturate by 10%, it is **E6EEF7**.

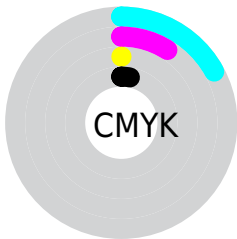
Distribution



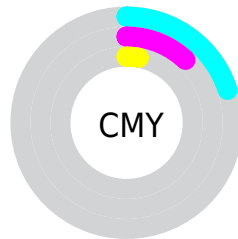
- Red (80%)
- Green (88%)
- Blue (97%)



- Red (80%)
- Yellow (86%)
- Blue (97%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (20%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDE1F7 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 CDE1F7 by changing the saturation by 10% instead.

■ CDE1F7

FFFFFF

■ CDE1F7

■ B1C5DA

■ 96AABF

■ 7C8FA4

■ 637689

■ 4A5D70

■ 334657

■ 1C2F40

■ 051B2A

■ 000116

 CDE1F7

 CDE1F7

 B4D4F7

 E6EEF7

 9CC7F7

 FEFBF7

 83BAF7

 FFFFF7

 6AADF7

 52A0F7

 3993F7

 2086F7

 0779F7

 0076F7

Harmonies

Analogous

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



C2E4F1



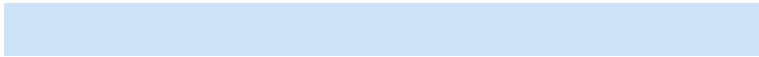
CDE1F7



DCDDF6

Triad

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



CDE1F7



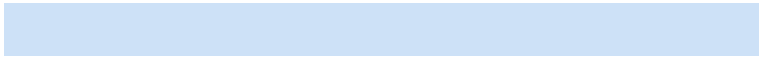
FAD7D6



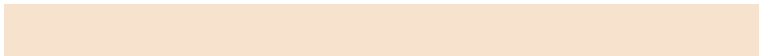
D1E4CE

Complementary

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



CDE1F7



F7E3CD

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.



E0E1C7



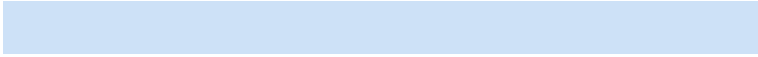
CDE1F7



F7D9CC

Square

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



CDE1F7



F6D7E3



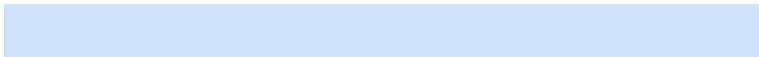
EDDCC6



C5E6DA

Rectangle

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



CDE1F7



E7DAF2



EDDCC6



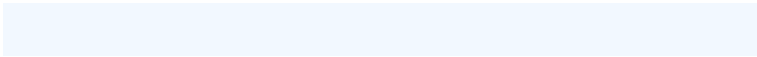
D6E3CB

Sweetspot

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



CDE1F7



F2F8FF



CDF7E3



787B80



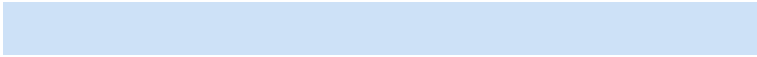
000000



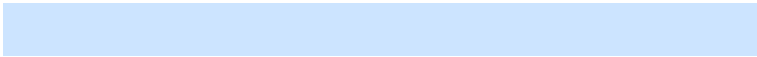
808080

Same Dimension

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



CDE1F7



CCE4FF



CECDF7



6E747A



0059BA



001C3B

Inverse Universe

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



F7CDE1



FFCCE4



F6F7CD



7A6E74



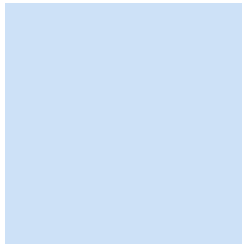
BA0059



3B001C

Previews

White Background



This preview shows how the Hex color CDE1F7 looks on a white background.

Color Contrast Check

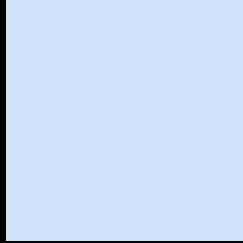
Large Text (above 18pt) WCAG AA × Fail

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 CDE1F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

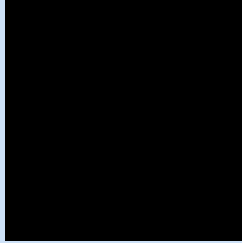
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

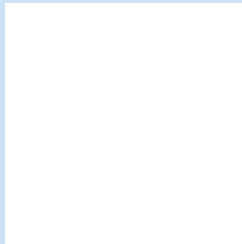
Any Text WCAG AAA ✓ Pass

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

Hex CDE1F7 Background



This preview shows how black text looks on a background with the Hex color CDE1F7.

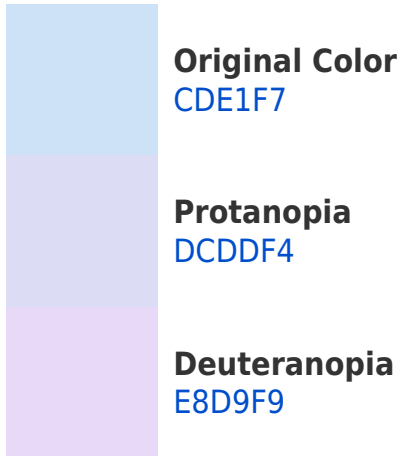


This preview shows how white text looks on a background with the Hex color CDE1F7.

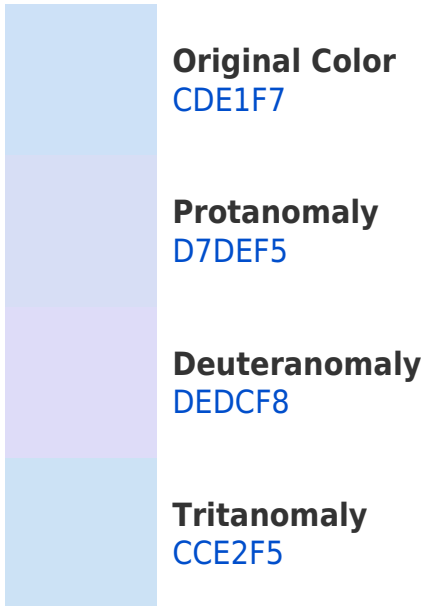
Color Blindness Simulation

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](#).

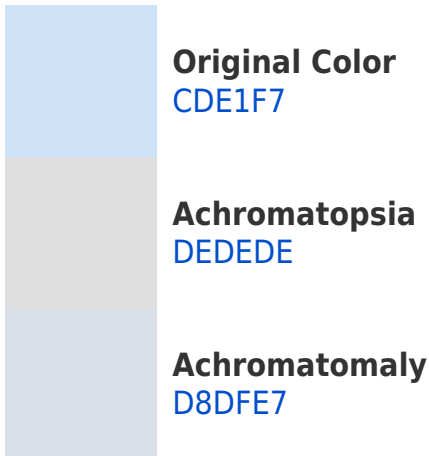
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDE1F7 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 #CDE1F7 looks like.

```
.text, #text, p{  
    color:#CDE1F7  
}
```

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 #CDE1F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE1F7  
}
```

Border

The CSS property to change the border of an element to Hex CDE1F7 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  
#CDE1F7 }
```

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

```
.border{ border-color:#CDE1F7 }
```

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

Here you see how a box with a 4 pixel #CDE1F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE1F7; -webkit-box-shadow:4px 4px  
4px 4px #CDE1F7; box-shadow:4px 4px 4px  
4px #CDE1F7 }
```

Background

The CSS property to change the background color of an element to Hex CDE1F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE1F7 }
```

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

```
.background{ background-color:#CDE1F7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor