

Converting Colors

Hex(CDE4EF)

Have a look what the booklet for
Hex(CDE4EF) contains.

Hex(CDE4EF)	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(CDE4EF)

Conversions

Conversions Part 1

Format	Color
Hex	CDE4EF
RGB	205, 228, 239
RGB Percent	80%, 89%, 94%
CMY	0.1961, 0.1059, 0.0627
CMYK	0.14, 0.05, 0.00, 0.06
HSL	199°, 52%, 87%
HSV	199°, 14%, 94%
XYZ	68.5002, 74.6979, 92.4692
YIQ	222.3770, -17.2390, -1.4550

Conversions

Conversions Part 2

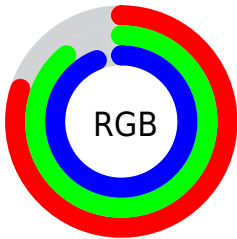
Format	Color
R _Y B	205, 219, 239
Decimal	13493487
CIE Lab	89.25, -5.38, -7.93
CIE LCh	89, 9.585, 235.826
Yxy	74.6979, 0.2907, 0.3170
Android (android.graphics.Color)	4291683567 (0xFFCDE4EF)
YUV	222.3770, 8.1951, -15.2396
Hunter-Lab	86.4280, -9.7752, -2.9347

Details

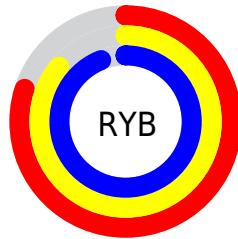
The Hex color **CDE4EF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EFD8CD**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFFF**, and **96ADB7** is the 20% darker color. If you saturate the color by 10%, you get **B5DCEF**, and if you desaturate by 10%, it is **E5ECEF**.

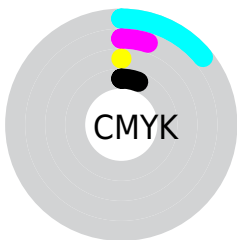
Distribution



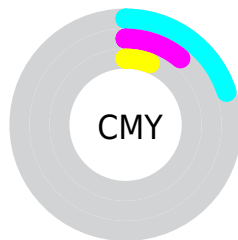
- Red (80%)
- Green (89%)
- Blue (94%)



- Red (80%)
- Yellow (86%)
- Blue (94%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDE4EF 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 CDE4EF by changing the saturation by 10% instead.

 CDE4EF

FFFFFF

 CDE4EF

 B1C8D3

 96ADB7

 7C929C

 637882

 4B6069

 344851

 1D313A

 071D24

 00010F

 CDE4EF

 CDE4EF

 B5DCEF

 E5ECEF

 9DD5EF

 FDF3EF

 85CDEF

 FFFBEF

 6DC5EF

 FFFFEF

 56BDEF

 3EB6EF

 26AEEF

 0EA6EF

 00A2EF

Harmonies

Analogous

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



CAE6E8



CDE4EF



D5E1F2

Triad

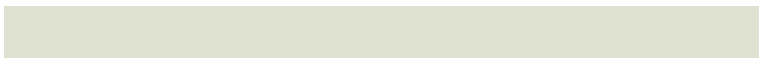
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDE4EF



F2DAE2



DFE2D0

Complementary

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



CDE4EF



EFD8CD

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.



E9DFCE



CDE4EF



F4DBD9

Square

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



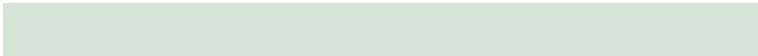
CDE4EF



EBDCEB



F1DCD1



D5E4D6

Rectangle

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



CDE4EF



DDDF2



F1DCD1



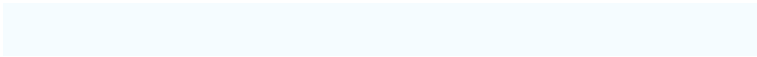
E3E1CF

Sweetspot

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



CDE4EF



F5FCFF



CDEFD8



797D80



000000



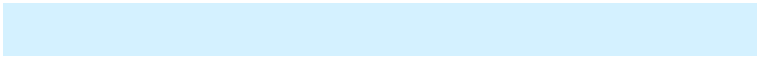
808080

Same Dimension

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



CDE4EF



D4F1FF



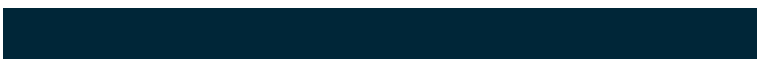
CDD3EF



6C7478



007CB8



002638

Inverse Universe

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



EFCDE4



FFD4F1



EFE9CD



786C74



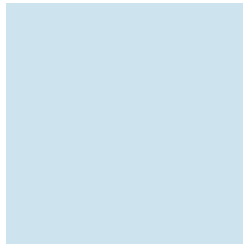
B8007C



380026

Previews

White Background



This preview shows how the Hex color CDE4EF looks on a white background.

Color Contrast Check

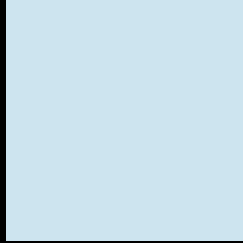
Large Text (above 18pt) WCAG AA × Fail

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 CDE4EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

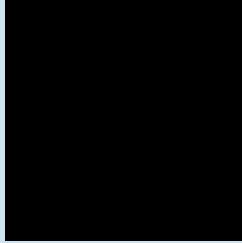
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

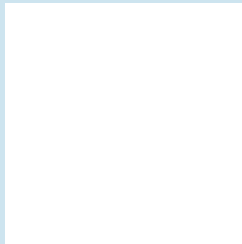
Any Text WCAG AAA ✓ Pass

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

Hex CDE4EF Background



This preview shows how black text looks on a background with the Hex color CDE4EF.

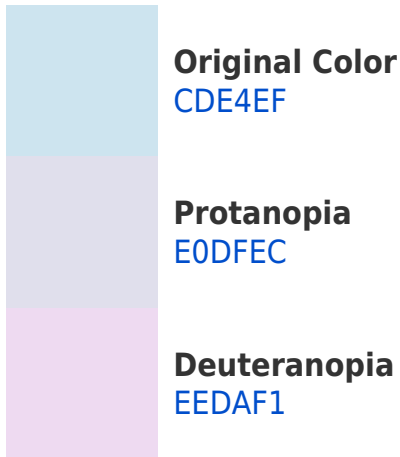


This preview shows how white text looks on a background with the Hex color CDE4EF.

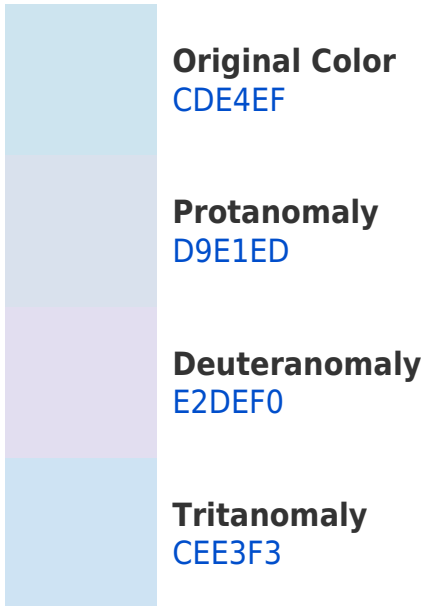
Color Blindness Simulation

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](#).

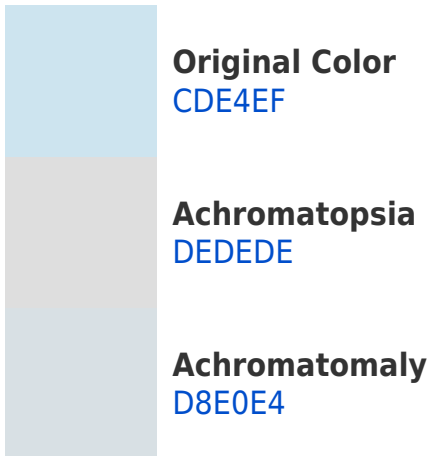
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDE4EF 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 #CDE4EF looks like.

```
.text, #text, p{  
    color:#CDE4EF  
}
```

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 #CDE4EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE4EF
}
```

Border

The CSS property to change the border of an element to Hex CDE4EF 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
#CDE4EF }
```

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

```
.border{ border-color:#CDE4EF }
```

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

Here you see how a box with a 4 pixel #CDE4EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE4EF; -webkit-box-shadow:4px 4px  
4px 4px #CDE4EF; box-shadow:4px 4px 4px  
4px #CDE4EF }
```

Background

The CSS property to change the background color of an element to Hex CDE4EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE4EF }
```

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

```
.background{ background-color:#CDE4EF }
```

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