

Converting Colors

Hex(C0DAEF)

Have a look what the booklet for
Hex(C0DAEF) contains.

Hex(C0DAEF)	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(C0DAEF)

Conversions

Conversions Part 1

Format	Color
Hex	C0DAEF
RGB	192, 218, 239
RGB Percent	75%, 85%, 94%
CMY	0.2471, 0.1451, 0.0627
CMYK	0.20, 0.09, 0.00, 0.06
HSL	207°, 59%, 85%
HSV	207°, 20%, 94%
XYZ	62.3896, 67.5813, 91.4176
YIQ	212.6200, -22.2370, 1.0190

Conversions

Conversions Part 2

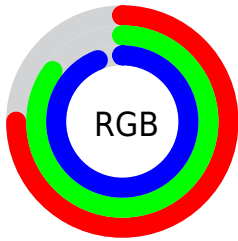
Format	Color
R_{YB}	192, 209, 239
Decimal	12638959
CIE _{Lab}	85.80, -4.24, -13.17
CIE _{LCh}	86, 13.832, 252.148
Yxy	67.5813, 0.2818, 0.3053
Android (android.graphics.Color)	4290829039 (0xFFC0DAEF)
YUV	212.6200, 13.0053, -18.0837
Hunter-Lab	82.2078, -8.3955, -8.3868

Details

The Hex color **C0DAEF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EFD5C0**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **F9FFFF**, and **8AA3B7** is the 20% darker color. If you saturate the color by 10%, you get **A8CFEF**, and if you desaturate by 10%, it is **D8E5EF**.

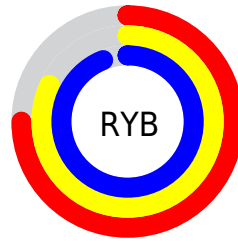
Distribution



Red (75%)

Green (85%)

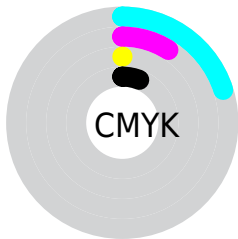
Blue (94%)



Red (75%)

Yellow (82%)

Blue (94%)

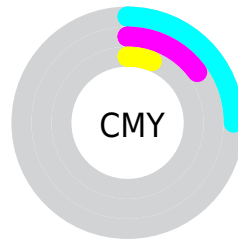


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (25%)

Magenta (15%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0DAEF 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 C0DAEF by changing the saturation by 10% instead.

 C0DAEF

 C0DAEF

FFFFFF

 A5BED3

 F9FFFF

 8AA3B7

 70899C

 577082

 3F5769

 274051

 0F2A3A

 001624

 00010E

 C0DAEF

 C0DAEF

 A8CFEF

 D8E5EF

 90C5EF

 F0EFEF

 78BAEF

 FFFAEF

 60AFEF

 FFFFEF

 48A5EF

 319AEF

 198FEF

 0185EF

 0084EF

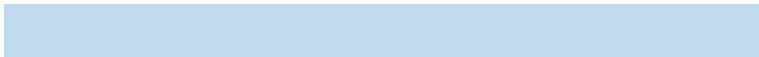
Harmonies

Analogous

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



B7DDE8



C0DAEF



CFD6F0

Triad

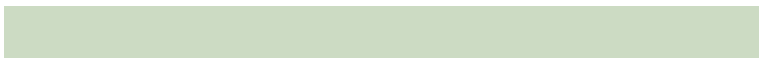
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C0DAEF



F3CED2



CCDBC3

Complementary

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



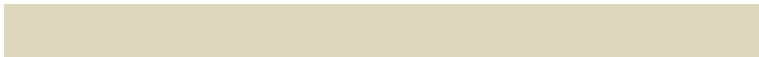
C0DAEF



EFD5C0

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.



DCD7BD



C0DAEF



F1CF5

Square

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



C0DAEF



ECCEDF



E9D3BE



BFDECE

Rectangle

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



C0DAEF



DAD3ED



E9D3BE



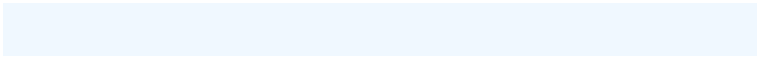
D2DAC0

Sweetspot

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



C0DAEF



F0F8FF



C0EFD4



777C80



000000



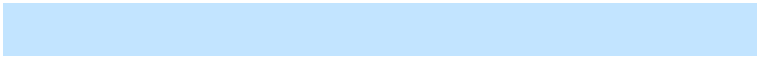
808080

Same Dimension

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



C0DAEF



C2E4FF



C0C3EF



6C7278



0066B8



001F38

Inverse Universe

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



EFC0DA



FFC2E4



EFECC0



786C72



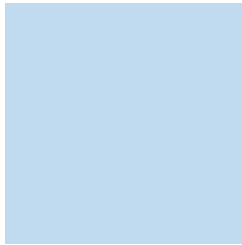
B80066



38001F

Previews

White Background



This preview shows how the Hex color C0DAEF looks on a white background.

Color Contrast Check

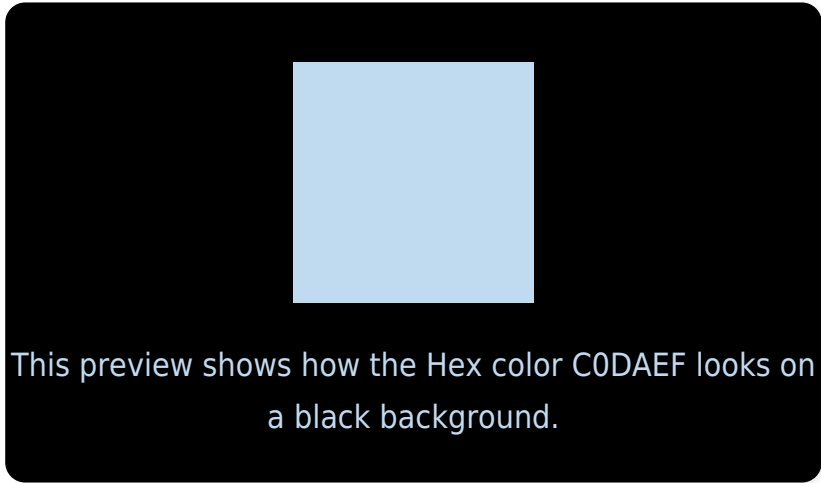
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

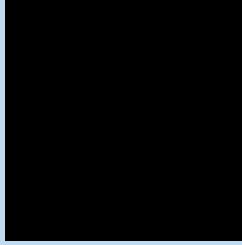
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

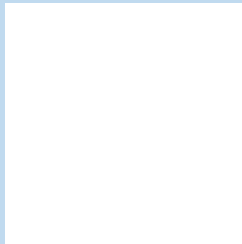
Any Text WCAG AAA ✓ Pass

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

Hex C0DAEF Background



This preview shows how black text looks on a background with the Hex color C0DAEF.

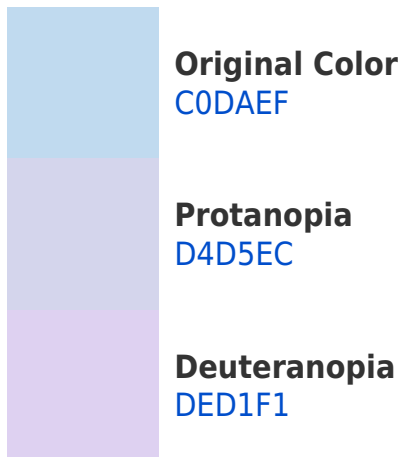


This preview shows how white text looks on a background with the Hex color C0DAEF.

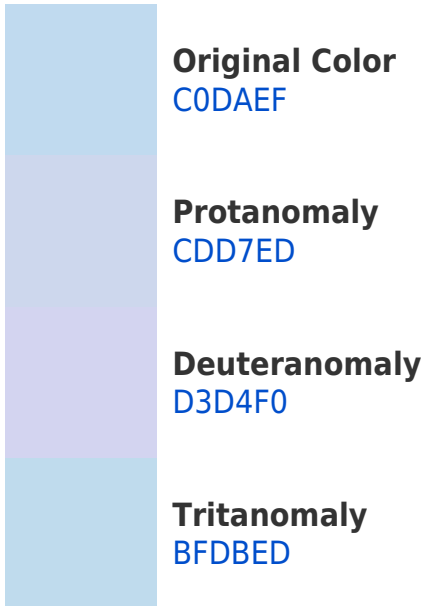
Color Blindness Simulation

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](#).

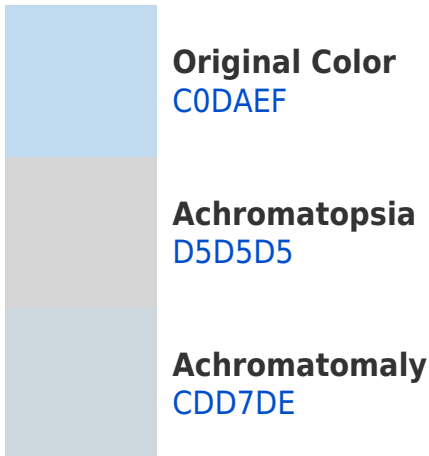
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0DAEF 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 #C0DAEF looks like.

```
.text, #text, p{  
    color:#C0DAEF  
}
```

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 #C0DAEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0DAEF
}
```

Border

The CSS property to change the border of an element to Hex C0DAEF 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
#C0DAEF }
```

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

```
.border{ border-color:#C0DAEF }
```

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

Here you see how a box with a 4 pixel #C0DAEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0DAEF; -webkit-box-shadow:4px 4px  
4px 4px #C0DAEF; box-shadow:4px 4px 4px  
4px #C0DAEF }
```

Background

The CSS property to change the background color of an element to Hex C0DAEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0DAEF }
```

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

```
.background{ background-color:#C0DAEF }
```

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