

# Converting Colors

Hex(CEF0F6)

Have a look what the booklet for  
Hex(CEF0F6) contains.

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# **Color**

**Hex(CEF0F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEF0F6
RGB	206, 240, 246
RGB Percent	81%, 94%, 96%
CMY	0.1922, 0.0588, 0.0353
CMYK	0.16, 0.02, 0.00, 0.04
HSL	189°, 69%, 89%
HSV	189°, 16%, 96%
XYZ	73.2482, 82.0958, 99.1743
YIQ	230.5180, -22.1900, -5.3420

# Conversions

## Conversions Part 2

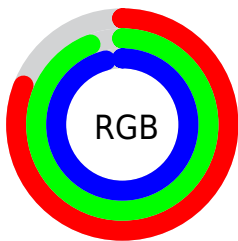
Format	Color
R <sub>Y</sub> B	206, 224, 246
Decimal	13562102
CIE Lab	92.62, -9.76, -6.60
CIE LCh	93, 11.785, 214.049
Yxy	82.0958, 0.2878, 0.3226
Android (android.graphics.Color)	4291752182 (0xFFCEFF0F6)
YUV	230.5180, 7.6326, -21.5023
Hunter-Lab	90.6067, -14.2589, -1.4716

# Details

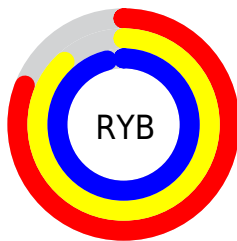
The Hex color **CEF0F6** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F6D4CE**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **97B8BE** is the 20% darker color. If you saturate the color by 10%, you get **B5ECF6**, and if you desaturate by 10%, it is **E7F4F6**.

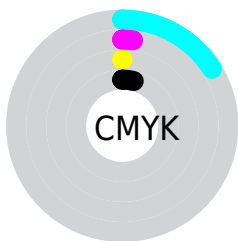
# Distribution



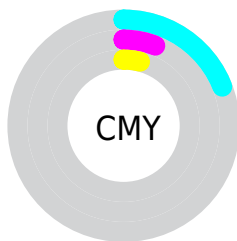
- Red (81%)
- Green (94%)
- Blue (96%)



- Red (81%)
- Yellow (88%)
- Blue (96%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (6%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEF0F6 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 CEF0F6 by changing the saturation by 10% instead.



 CEF0F6

FFFFFF

 CEF0F6

 B2D4DA

 97B8BE

 7D9DA3

 638388

 4B6A6F

 335257

 1C3B3F

 04252A

 001115

 CEF0F6

 CEF0F6

 B5ECF6

 E7F4F6

 9DE9F6

 FFF7F6

 84E5F6

 FFFBF6

 6CE1F6

 FFFFF6

 53DEF6

 3ADAF6

 22D6F6

 09D2F6

 00D1F6

# Harmonies

## Analogous

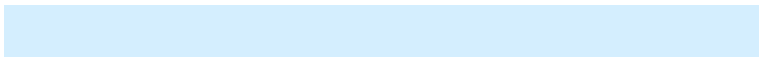
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D0F1EB



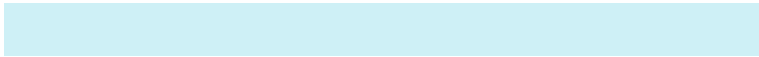
CEF0F6



D4EEFE

# Triad

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



CEF0F6



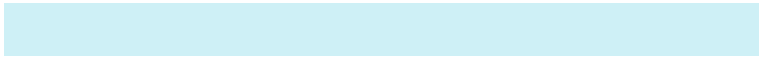
FAE3F4



F2E9D3

# Complementary

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



CEF0F6



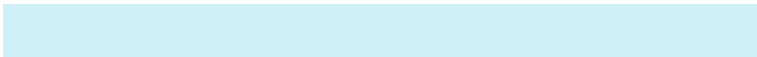
F6D4CE

# 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.



FCE6D6



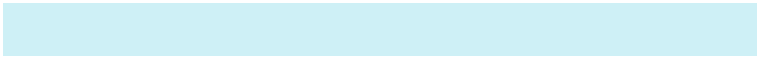
CEF0F6



FFE2E9

# Square

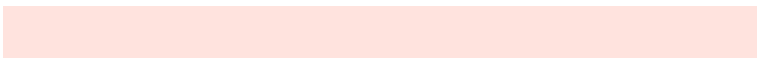
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CEF0F6



EEE6FD



FFE3DE



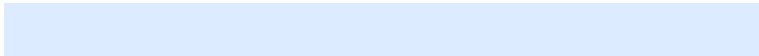
E5EDD7

# Rectangle

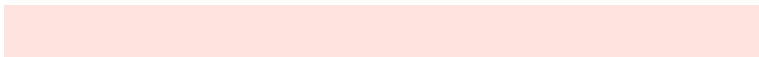
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



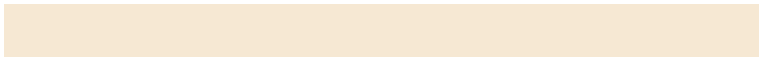
CEF0F6



DCEBFF



FFE3DE



F6E8D3



# Sweetspot

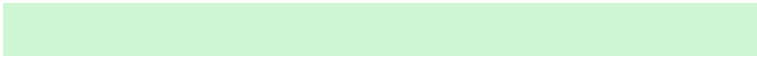
The Sweet Spot groups the original color and five complimentary colors.



CEF0F6



F2FDFF



CEF6D4



787E80



000000

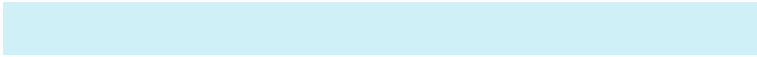


808080

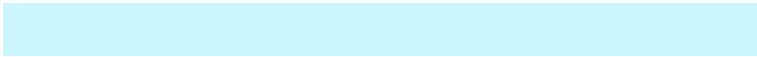


# Same Dimension

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



CEF0F6



CCF7FF



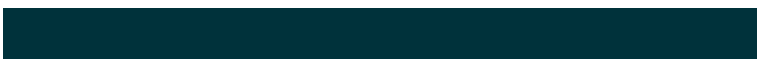
CEDCF6



6E797A



009EBA



00323B



# Inverse Universe

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



F6CEF0



FFCCF7



F6E8CE



7A6E79



BA009E

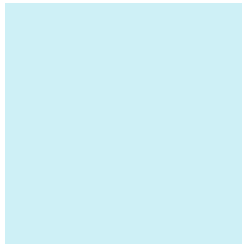


3B0032



# Previews

## White Background



This preview shows how the Hex color CEF0F6 looks on a white background.

## Color Contrast Check

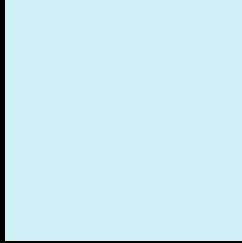
Large Text (above 18pt) WCAG AA × Fail

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 CEF0F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

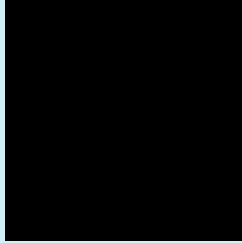
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

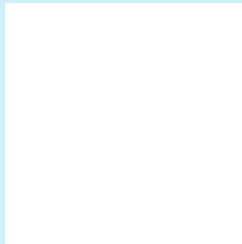
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEF0F6 Background



This preview shows how black text looks on a background with the Hex color CEF0F6.

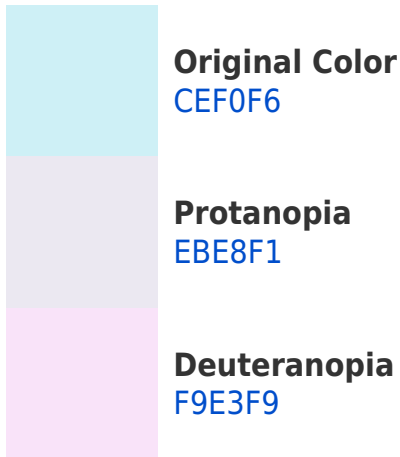


This preview shows how white text looks on a background with the Hex color CEF0F6.

# 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](#).

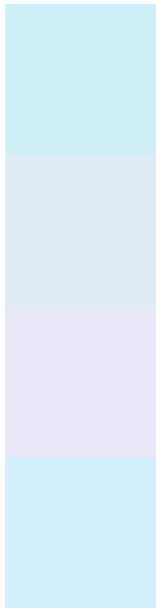
## Dichromacy





**Tritanopia**  
D3EEFF

# Trichromacy



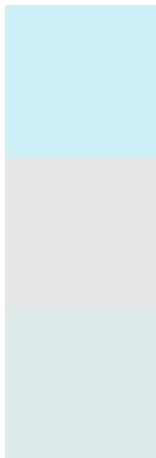
**Original Color**  
CEF0F6

**Protanomaly**  
E0EBF3

**Deuteranomaly**  
E9E8F8

**Tritanomaly**  
D1EFFC

# Monochromacy



**Original Color**  
CEF0F6

**Achromatopsia**  
E7E7E7

**Achromatomaly**  
DEEAEC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEF0F6 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 #CEF0F6 looks like.

```
.text, #text, p{  
    color:#CEF0F6  
}
```

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 #CEF0F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEF0F6
}
```

## Border

The CSS property to change the border of an element to Hex CEF0F6 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
#CEF0F6 }
```

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

```
.border{ border-color:#CEF0F6 }
```

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

Here you see how a box with a 4 pixel #CEF0F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEF0F6; -webkit-box-shadow:4px 4px  
4px 4px #CEF0F6; box-shadow:4px 4px 4px  
4px #CEF0F6 }
```

# Background

The CSS property to change the background color of an element to Hex CEF0F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEF0F6 }
```

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

```
.background{ background-color:#CEF0F6 }
```

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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