

# Converting Colors

Hex(CFE9F0)

Have a look what the booklet for  
Hex(CFE9F0) contains.

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# **Color**

**Hex(CFE9F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFE9F0
RGB	207, 233, 240
RGB Percent	81%, 91%, 94%
CMY	0.1882, 0.0863, 0.0588
CMYK	0.14, 0.03, 0.00, 0.06
HSL	193°, 52%, 88%
HSV	193°, 14%, 94%
XYZ	70.5992, 77.8345, 93.7407
YIQ	226.0240, -17.7430, -3.3350

# Conversions

## Conversions Part 2

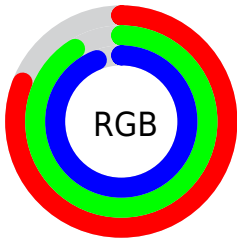
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 222, 240
Decimal	13625840
CIE Lab	90.70, -7.11, -6.29
CIE LCh	91, 9.496, 221.478
Yxy	77.8345, 0.2915, 0.3214
Android (android.graphics.Color)	4291815920 (0xFFCFE9F0)
YUV	226.0240, 6.8902, -16.6840
Hunter-Lab	88.2239, -11.5510, -1.2408

# Details

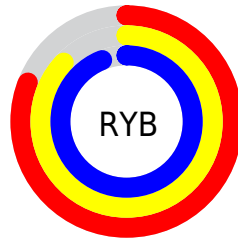
The Hex color **CFE9F0** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F0D6CF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **98B1B8** is the 20% darker color. If you saturate the color by 10%, you get **B7E4F0**, and if you desaturate by 10%, it is **E7EEF0**.

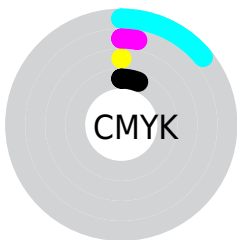
# Distribution



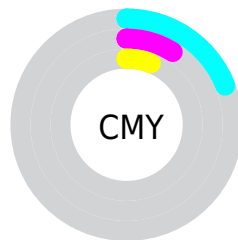
- Red (81%)
- Green (91%)
- Blue (94%)



- Red (81%)
- Yellow (87%)
- Blue (94%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (19%)
- Magenta (9%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFE9F0 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 CFE9F0 by changing the saturation by 10% instead.



■ CFE9F0

FFFFFF

■ CFE9F0

■ B3CDD4

■ 98B1B8

■ 7E979D

■ 657D83

■ 4D646A

■ 354C52

■ 1F353B

■ 082025

■ 000610

 CFE9F0

 CFE9F0

 B7E4F0

 E7EEF0

 9FDFF0

 FFF3F0

 87DAF0

 FFF8F0

 6FD5F0

 FFFDF0

 57D0F0

 FFFFF0

 3FCAF0

 27C5F0

 0FC0F0

 00BDF0

# Harmonies

## Analogous

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



CFEAE8



CFE9F0



D5E7F5

# Triad

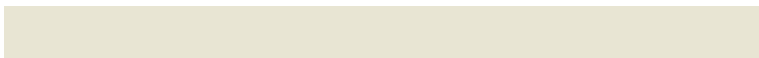
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CFE9F0



F4DFEA



E8E5D3

# Complementary

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



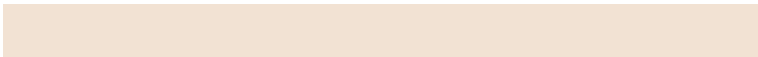
CFE9F0



F0D6CF

# Split Complementary

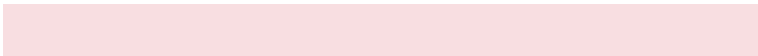
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F2E2D3



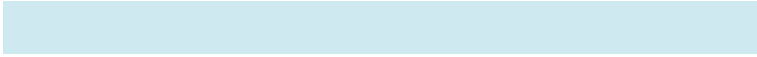
CFE9F0



F8DEE1

# Square

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



CFE9F0



EBE1F2



F7DFD9



DEE8D7

# Rectangle

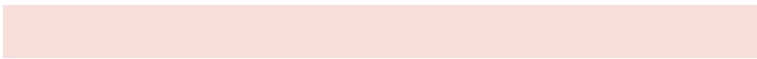
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CFE9F0



DCE5F6



F7DFD9



ECE4D2



# Sweetspot

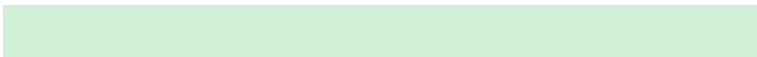
The Sweet Spot groups the original color and five complimentary colors.



CFE9F0



F5DFFF



CFF0D6



797E80



000000



808080

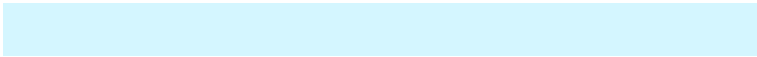


# Same Dimension

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



CFE9F0



D4F6FF



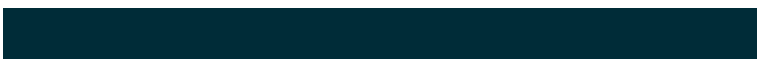
CFD9F0



6C7578



0091B8



002C38



# Inverse Universe

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



F0CFE9



FFD4F6



F0E6CF



786C75



B80091

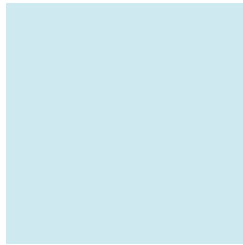


38002C



# Previews

## White Background



This preview shows how the Hex color CFE9F0 looks on a white background.

## Color Contrast Check

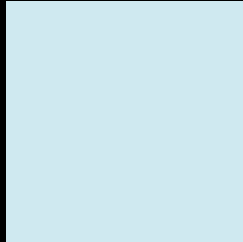
Large Text (above 18pt) WCAG AA × Fail

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 CFE9F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

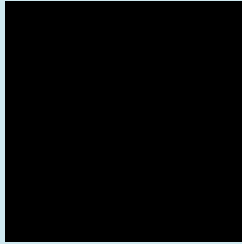
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

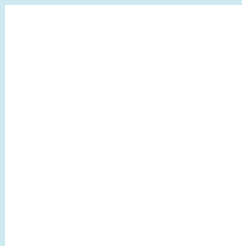
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CFE9F0 Background



This preview shows how black text looks on a background with the Hex color CFE9F0.

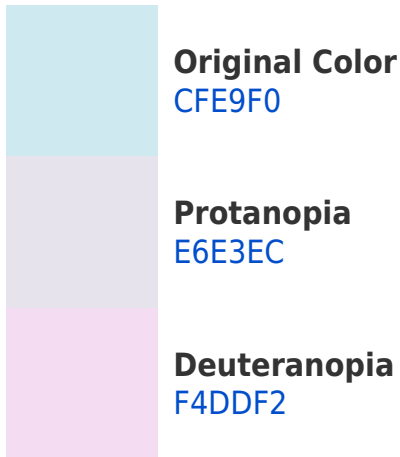


This preview shows how white text looks on a background with the Hex color CFE9F0.

# 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](#).

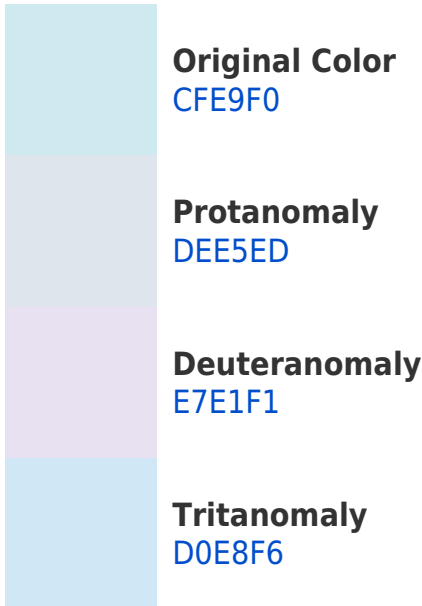
## Dichromacy



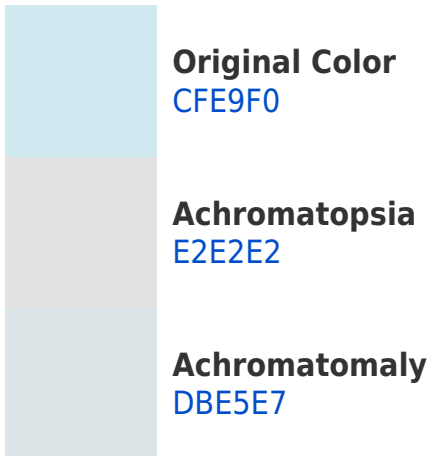


**Tritanopia**  
D1E7FA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFE9F0 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 #CFE9F0 looks like.

```
.text, #text, p{  
    color:#CFE9F0  
}
```

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 #CFE9F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFE9F0
}
```

## Border

The CSS property to change the border of an element to Hex CFE9F0 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
#CFE9F0 }
```

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

```
.border{ border-color:#CFE9F0 }
```

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

Here you see how a box with a 4 pixel #CFE9F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFE9F0; -webkit-box-shadow:4px 4px  
4px 4px #CFE9F0; box-shadow:4px 4px 4px  
4px #CFE9F0 }
```

# Background

The CSS property to change the background color of an element to Hex CFE9F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFE9F0 }
```

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

```
.background{ background-color:#CFE9F0 }
```

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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