

Converting Colors

Hex(CEF5EA)

Have a look what the booklet for
Hex(CEF5EA) contains.

Hex(CEF5EA)	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(CEF5EA)

Conversions

Conversions Part 1

Format	Color
Hex	CEF5EA
RGB	206, 245, 234
RGB Percent	81%, 96%, 92%
CMY	0.1922, 0.0392, 0.0824
CMYK	0.16, 0.00, 0.04, 0.04
HSL	163°, 66%, 88%
HSV	163°, 16%, 96%
XYZ	72.9573, 84.3671, 90.2811
YIQ	232.0850, -19.7130, -11.6890

Conversions

Conversions Part 2

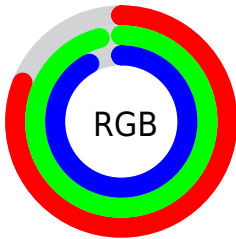
Format	Color
R _{YB}	206, 229, 245
Decimal	13563370
CIE Lab	93.61, -14.65, 1.09
CIE LCh	94, 14.692, 175.745
Yxy	84.3671, 0.2947, 0.3407
Android (android.graphics.Color)	4291753450 (0xFFCEF5EA)
YUV	232.0850, 0.9441, -22.8765
Hunter-Lab	91.8516, -18.9586, 6.0198

Details

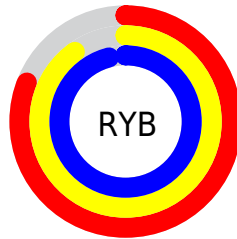
The Hex color **CEF5EA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F5CED9**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **97BDB2** is the 20% darker color. If you saturate the color by 10%, you get **B6F5E3**, and if you desaturate by 10%, it is **E7F5F1**.

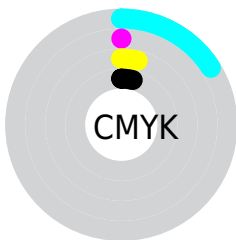
Distribution



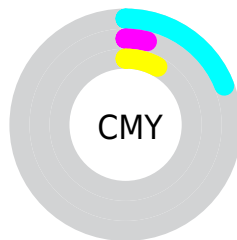
- Red (81%)
- Green (96%)
- Blue (92%)



- Red (81%)
- Yellow (90%)
- Blue (96%)



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



- Cyan (19%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEF5EA 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 CEF5EA by changing the saturation by 10% instead.

 CEF5EA

FFFFFF

 CEF5EA

 B2D9CE

 97BDB2

 7DA298

 64877E

 4B6E65

 33554D

 1C3E36

 052821

 00150A

 CEF5EA

 CEF5EA

 B6F5E3

 E7F5F1

 9DF5DC

 FFF5F8

 84F5D5

 FFF5FF

 6CF5CE

 54F5C7

 3BF5C1

 22F5BA

 0AF5B3

 00F5B0

Harmonies

Analogous

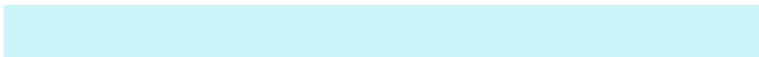
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DBF3DC



CEF5EA



C9F5F8

Triad

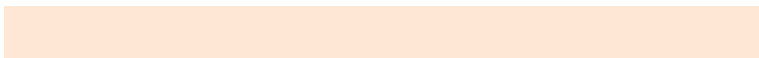
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CEF5EA



EDEAFF



FFE7D6

Complementary

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



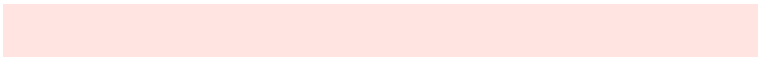
CEF5EA



F5CED9

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.



FFE4E1



CEF5EA



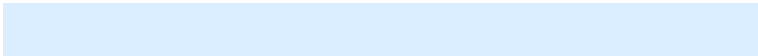
FDE6FD

Square

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



CEF5EA



DBEEFF



FFE3EF



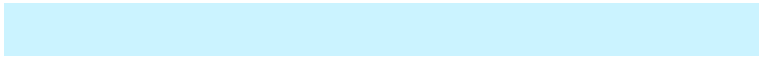
FAEBD1

Rectangle

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



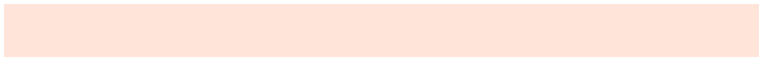
CEF5EA



CBF3FF



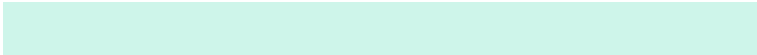
FFE3EF



FFE5D9

Sweetspot

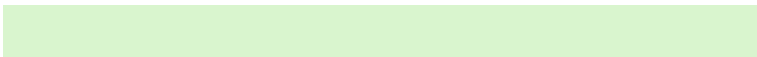
The Sweet Spot groups the original color and five complimentary colors.



CEF5EA



F2FFFB



D9F5CE



78807D



000000



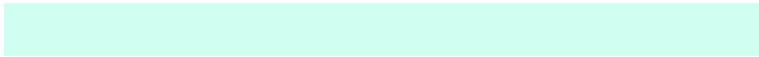
808080

Same Dimension

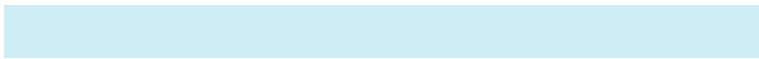
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CEF5EA



CFFFF1



CEEDF5



6E7A77



00BA86



003B2A

Inverse Universe

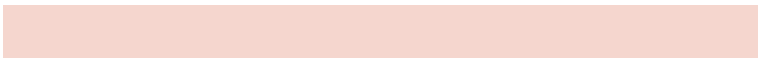
The Inverse Universe completely reimagines the original color for something new.



F5CED9



FFCFDC



F5D6CE



7A6E72



BA0035



3B0011

Previews

White Background



This preview shows how the Hex color CEF5EA looks on a white background.

Color Contrast Check

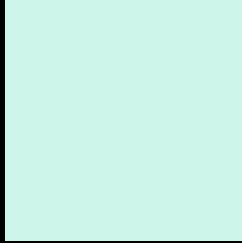
Large Text (above 18pt) WCAG AA × Fail

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 CEF5EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

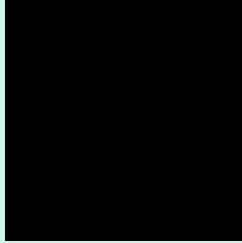
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

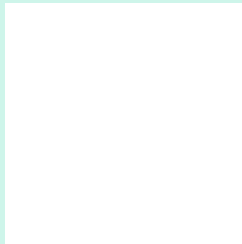
Any Text WCAG AAA ✓ Pass

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

Hex CEF5EA Background



This preview shows how black text looks on a background with the Hex color CEF5EA.



This preview shows how white text looks on a background with the Hex color CEF5EA.

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



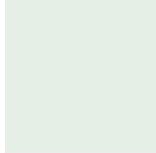


Tritanopia
D9F0FF

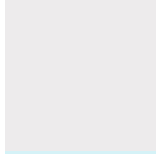
Trichromacy



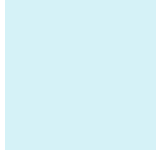
Original Color
CEF5EA



Protanomaly
E5EFE6



Deuteranomaly
EDEBEC

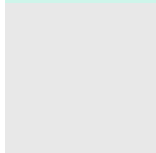


Tritanomaly
D5F2F7

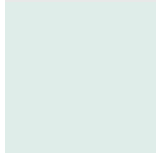
Monochromacy



Original Color
CEF5EA



Achromatopsia
E8E8E8



Achromatomaly
DFEDE9

CSS Examples

Text

The CSS property to change the color of the text to Hex CEF5EA 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 #CEF5EA looks like.

```
.text, #text, p{  
    color:#CEF5EA  
}
```

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 #CEF5EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEF5EA
}
```

Border

The CSS property to change the border of an element to Hex CEF5EA 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
#CEF5EA }
```

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

```
.border{ border-color:#CEF5EA }
```

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

Here you see how a box with a 4 pixel #CEF5EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEF5EA; -webkit-box-shadow:4px 4px  
4px 4px #CEF5EA; box-shadow:4px 4px 4px  
4px #CEF5EA }
```

Background

The CSS property to change the background color of an element to Hex CEF5EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEF5EA }
```

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

```
.background{ background-color:#CEF5EA }
```

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