

# Converting Colors

Hex(CEF5D7)

Have a look what the booklet for  
Hex(CEF5D7) contains.

|  |    |
|--|----|
| <b>Hex(CEF5D7)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(CEF5D7)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | CEF5D7                       |
| RGB         | 206, 245, 215                |
| RGB Percent | 81%, 96%, 84%                |
| CMY         | 0.1922, 0.0392, 0.1569       |
| CMYK        | 0.16, 0.00, 0.12, 0.04       |
| HSL         | 134°, 66%, 88%               |
| HSV         | 134°, 16%, 96%               |
| XYZ         | 70.3717, 83.3329, 76.6659    |
| YIQ         | 229.9190, -13.6140, -17.5980 |

# Conversions

## Conversions Part 2

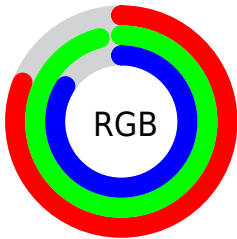
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 206, 238, 245                  |
| Decimal                             | 13563351                       |
| CIE Lab                             | 93.16, -18.19, 10.28           |
| CIE LCh                             | 93, 20.890, 150.524            |
| Yxy                                 | 83.3329, 0.3055,<br>0.3617     |
| Android<br>(android.graphics.Color) | 4291753431<br>(0xFFCEF5D7)     |
| YUV                                 | 229.9190, -7.3551,<br>-20.9770 |
| Hunter-Lab                          | 91.2869, -22.1489,<br>14.1070  |

# Details

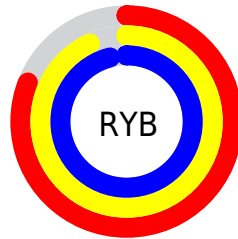
The Hex color **CEF5D7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F5CEEC**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **97BDA0** is the 20% darker color. If you saturate the color by 10%, you get **B6F5C4**, and if you desaturate by 10%, it is **E7F5EA**.

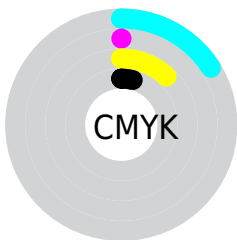
# Distribution



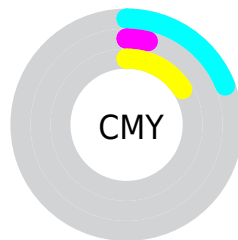
- Red (81%)
- Green (96%)
- Blue (84%)



- Red (81%)
- Yellow (93%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (19%)
- Magenta (4%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEF5D7 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 CEF5D7 by changing the saturation by 10% instead.



 CEF5D7

FFFFFF

 CEF5D7

 B2D8BB

 97BDA0

 7DA286

 64876D

 4B6E54

 34553D

 1D3E27

 062813

 001300

 CEF5D7

 CEF5D7

 B6F5C4

 E7F5EA

 9DF5B1

 FFF5FD

 84F59E

 FFF5FF

 6CF58C

 54F579

 3BF566

 22F553

 0AF540

 00F539

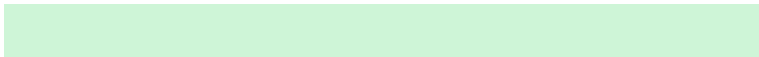
# Harmonies

## Analogous

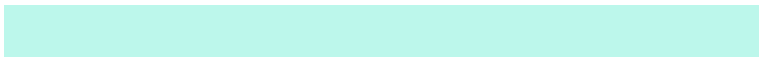
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E5F0C8



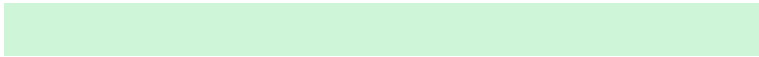
CEF5D7



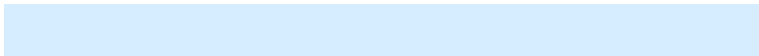
BCF7EB

# Triad

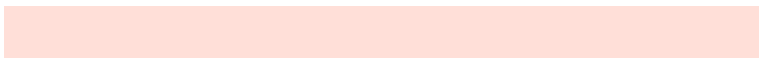
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CEF5D7



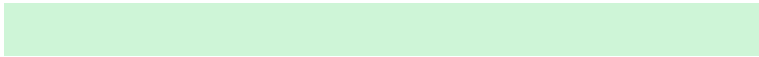
D5EDFF



FFDFD8

# Complementary

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



CEF5D7



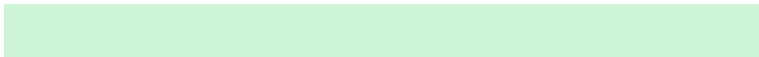
F5CEEC

# 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.



FFDDEC



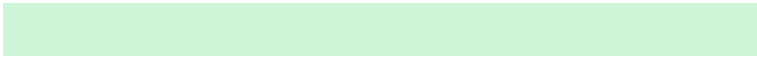
CEF5D7



F0E6FF

# Square

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



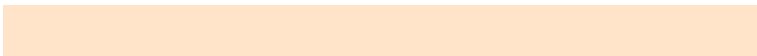
CEF5D7



C0F3FF



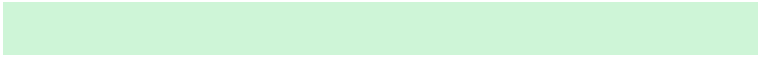
FFE0FF



FFE4C9

# Rectangle

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



CEF5D7



B7F7F9



FFE0FF

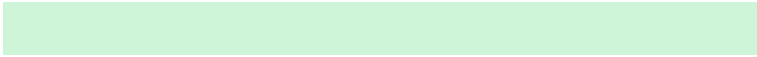


FFDEDE

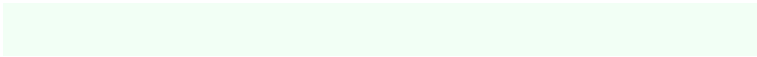


# Sweetspot

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



CEF5D7



F2FFF5



EDF5CE



78807A



000000

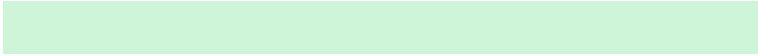


808080

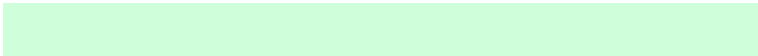


# Same Dimension

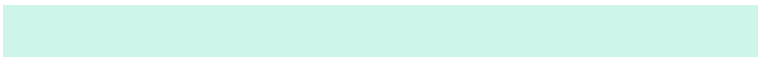
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CEF5D7



CFFFDA



CEF5EA



6E7A71



00BA2B



003B0E



# Inverse Universe

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



F5CEEC



FFCFF4



F5CED9



7A6E78



BA008F



3B002D



# Previews

## White Background



This preview shows how the Hex color CEF5D7 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 CEF5D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

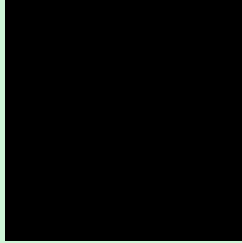
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

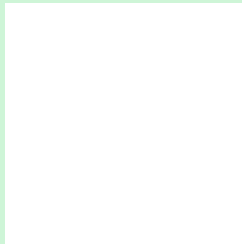
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEF5D7 Background



This preview shows how black text looks on a background with the Hex color CEF5D7.

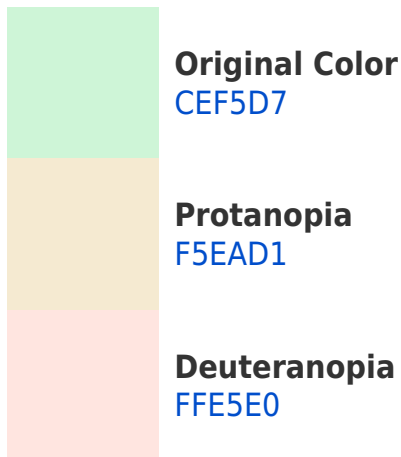


This preview shows how white text looks on a background with the Hex color CEF5D7.

# 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



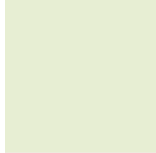


**Tritanopia**  
D8EEFF

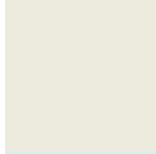
# Trichromacy



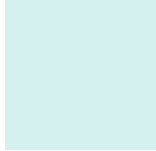
**Original Color**  
CEF5D7



**Protanomaly**  
E7EED3



**Deuteranomaly**  
EDEBDD

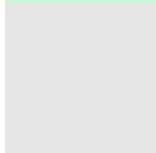


**Tritanomaly**  
D4F1F0

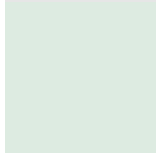
# Monochromacy



**Original Color**  
CEF5D7



**Achromatopsia**  
E6E6E6



**Achromatomaly**  
DDEBE1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEF5D7 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 #CEF5D7 looks like.

```
.text, #text, p{  
    color:#CEF5D7  
}
```

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 #CEF5D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEF5D7
}
```

## Border

The CSS property to change the border of an element to Hex CEF5D7 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
#CEF5D7 }
```

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

```
.border{ border-color:#CEF5D7 }
```

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

Here you see how a box with a 4 pixel #CEF5D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEF5D7; -webkit-box-shadow:4px 4px  
4px 4px #CEF5D7; box-shadow:4px 4px 4px  
4px #CEF5D7 }
```

# Background

The CSS property to change the background color of an element to Hex CEF5D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEF5D7 }
```

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

```
.background{ background-color:#CEF5D7 }
```

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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