

# Converting Colors

Hex(CFECDF)

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

|  |    |
|--|----|
| <b>Hex(CFECDF)</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(CFECDF)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                 |
|---------------|------------------------------|
| Hex           | CFECCDF                      |
| RGB           | 207, 236, 223                |
| RGB Percent   | 81%, 93%, 87%                |
| CMY           | 0.1882, 0.0745, 0.1255       |
| CMYK          | 0.12, 0.00, 0.06, 0.07       |
| HSL           | 153°, 43%, 87%               |
| HSV           | 153°, 12%, 93%               |
| XYZ           | 69.0469, 78.5840, 81.3411    |
| YIQ           | 225.8470, -13.1110, -10.1910 |

# Conversions

## Conversions Part 2

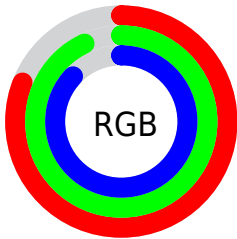
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 207, 226, 236                  |
| Decimal                             | 13626591                       |
| CIE Lab                             | 91.05, -11.93, 3.09            |
| CIE LCh                             | 91, 12.323, 165.487            |
| Yxy                                 | 78.5840, 0.3016,<br>0.3432     |
| Android<br>(android.graphics.Color) | 4291816671<br>(0xFFCFE0DF)     |
| YUV                                 | 225.8470, -1.4036,<br>-16.5288 |
| Hunter-Lab                          | 88.6476, -16.1013,<br>7.6501   |

# Details

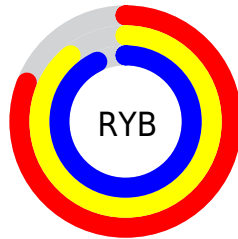
The Hex color **CFECDF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **ECCFDC**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **98B4A8** is the 20% darker color. If you saturate the color by 10%, you get **B7ECD4**, and if you desaturate by 10%, it is **E7ECEA**.

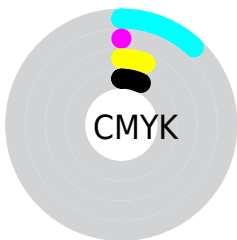
# Distribution



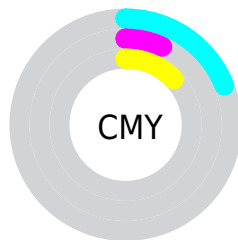
- Red (81%)
- Green (93%)
- Blue (87%)



- Red (81%)
- Yellow (89%)
- Blue (93%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (19%)
- Magenta (7%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 CFECDF

FFFFFF

 CFECDF

 B3D0C3

 98B4A8

 7E998D

 657F74

 4D665B

 364E44

 20372E

 0A2219

 000700

 CFECDF

 CFECDF

 B7ECD4

 E7ECEA

 A0ECCA

 FEECF4

 88ECBF

 FFECFF

 71ECB5

 59ECAA

 41ECA0

 2AEC95

 12EC8A

 00EC82

# Harmonies

## Analogous

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



DBEAD5



CFECDF



C8ECEB

# Triad

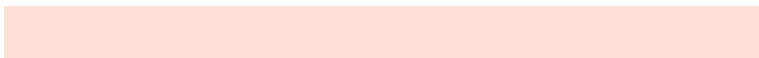
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CFEADF



E1E4FC



FDDFD5

# Complementary

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



CFEADF



ECCFDC

# 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.



FFDDDF



CFECDF



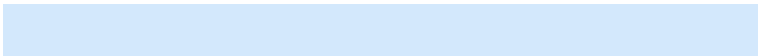
EFE0F6

# Square

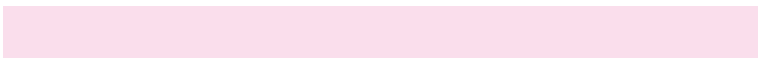
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



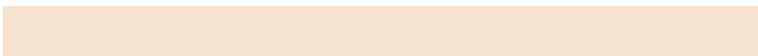
CFECDF



D3E8FC



FADEEC



F5E3CF

# Rectangle

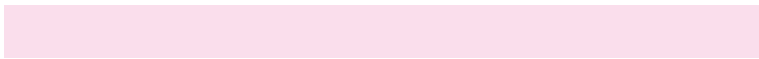
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



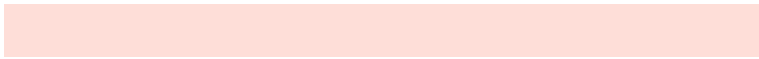
CFECDF



C8ECF3



FADEEC



FEDED8



# Sweetspot

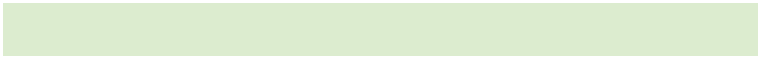
The Sweet Spot groups the original color and five complimentary colors.



CFECDF



F5FFFA



DCECCF



79807D



000000



808080

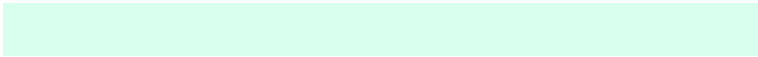


# Same Dimension

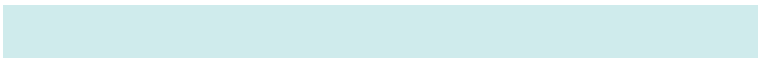
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CFECDF



D9FFEE



CFEBEC



6A7570



00B564



00361E



# Inverse Universe

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



ECCFDC



FFD9EA



ECD0CF



756A6F



B50051

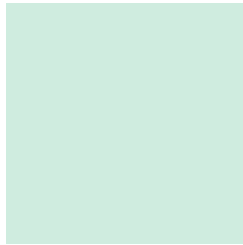


360018



# Previews

## White Background



This preview shows how the Hex color CFE0DF looks on a white background.

## Color Contrast Check

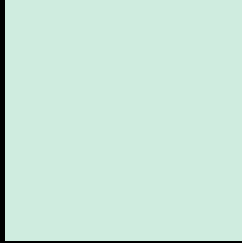
Large Text (above 18pt) WCAG AA × Fail

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 CFECDF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

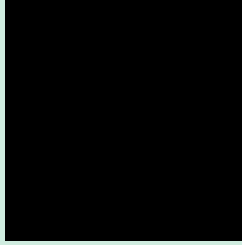
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

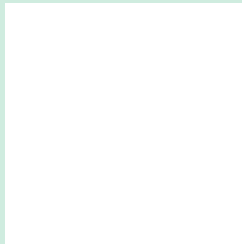
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CFECDF Background



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

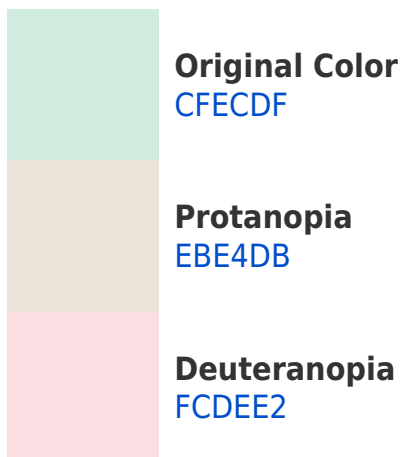


This preview shows how white text looks on a background with the Hex color CFECDF.

# 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



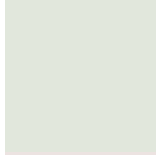


**Tritanopia**  
D4E8FA

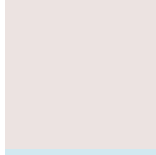
# Trichromacy



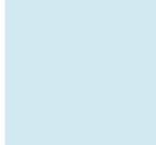
**Original Color**  
CFEADF



**Protanomaly**  
E1E7DC



**Deuteranomaly**  
ECE3E1

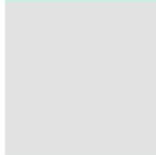


**Tritanomaly**  
D2E9F0

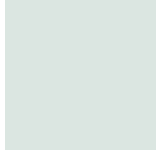
# Monochromacy



**Original Color**  
CFEADF



**Achromatopsia**  
E2E2E2



**Achromatomaly**  
DBE6E1

# CSS Examples

## Text

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

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

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 #CFE9DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFE9DF
}
```

## Border

The CSS property to change the border of an element to Hex CFE9DF 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
#CFE9DF }
```

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

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

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

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

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

# Background

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

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

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

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

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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