

# Converting Colors

Hex(CDEACF)

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

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

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | CDEACF                      |
| RGB         | 205, 234, 207               |
| RGB Percent | 80%, 92%, 81%               |
| CMY         | 0.1961, 0.0824, 0.1882      |
| CMYK        | 0.12, 0.00, 0.12, 0.08      |
| HSL         | 124°, 41%, 86%              |
| HSV         | 124°, 12%, 92%              |
| XYZ         | 65.8621, 76.3298, 70.2933   |
| YIQ         | 222.2510, -8.6170, -14.5450 |

# Conversions

## Conversions Part 2

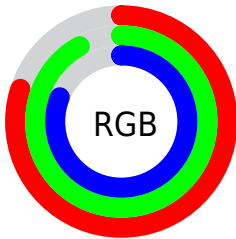
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 205, 232, 234                  |
| Decimal                             | 13494991                       |
| CIE Lab                             | 90.01, -14.49, 9.92            |
| CIE LCh                             | 90, 17.567, 145.598            |
| Yxy                                 | 76.3298, 0.3100,<br>0.3592     |
| Android<br>(android.graphics.Color) | 4291685071<br>(0xFFCDEACF)     |
| YUV                                 | 222.2510, -7.5187,<br>-15.1291 |
| Hunter-Lab                          | 87.3669, -18.3286,<br>13.4535  |

# Details

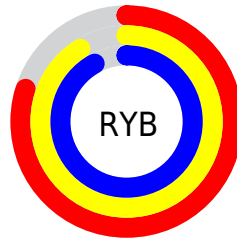
The Hex color **CDEACF** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EACDE8**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFFF**, and **97B299** is the 20% darker color. If you saturate the color by 10%, you get **B6EAB9**, and if you desaturate by 10%, it is **E4EAE5**.

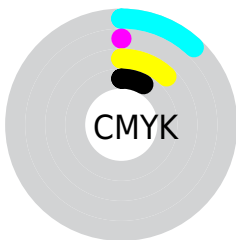
# Distribution



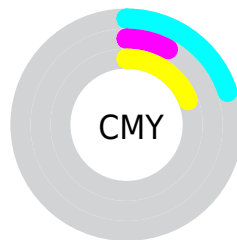
- Red (80%)
- Green (92%)
- Blue (81%)



- Red (80%)
- Yellow (91%)
- Blue (92%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 CDEACF

FFFFFF

 CDEACF

 B1CEB3

 97B299

 7D977F

 637E66

 4B644E

 344C37

 1E3621

 09200C

 000000

 CDEACF

 CDEACF

 B6EAB9

 E4EAE5

 9EEAA3

 FCEAFB

 87EA8E

 FFEAFF

 6FEA78

 58EA62

 41EA4C

 29EA36

 12EA21

 00EA10

# Harmonies

## Analogous

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



E0E6C4



CDEACF



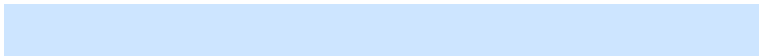
BEECDF

# Triad

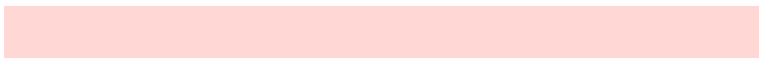
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDEACF



CDE5FF



FFD8D5

# Complementary

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



CDEACF



EACDE8

# 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.



FFD7E6



CDEACF



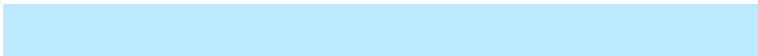
E3DFFF

# Square

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



CDEACF



BDE9FD



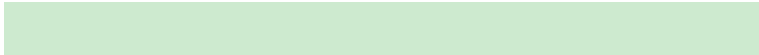
F6DAF6



FFDBC7

# Rectangle

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



CDEACF



B8ECEB



F6DAF6



FFD7DA



# Sweetspot

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



CDEACF



F5FFF6



E8EACD



79807A



000000



808080

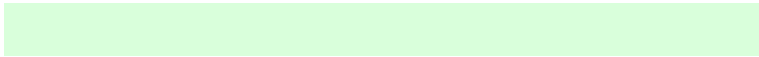


# Same Dimension

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



CDEACF



D9FFDB



CDEADD



6A756A



00B50C



003604



# Inverse Universe

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



EACDE8



FFD9FC



EACDDA



756A74



B500A9

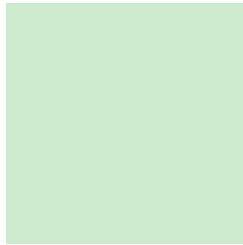


360032



# Previews

## White Background



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

## Color Contrast Check

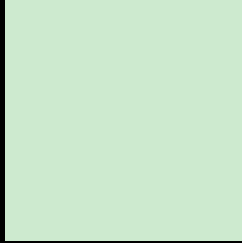
Large Text (above 18pt) WCAG AA × Fail

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 CDEACF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

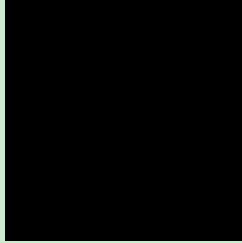
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

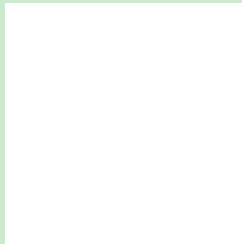
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDEACF Background



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

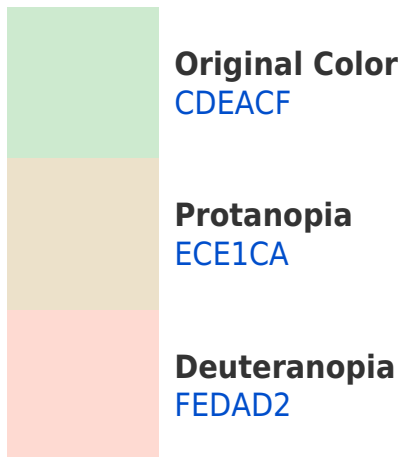


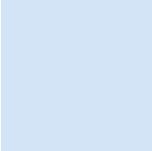
This preview shows how white text looks on a background with the Hex color CDEACF.

# 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](#).

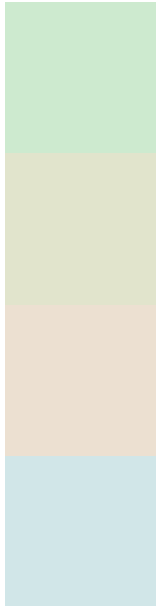
## Dichromacy





**Tritanopia**  
D3E4F6

# Trichromacy



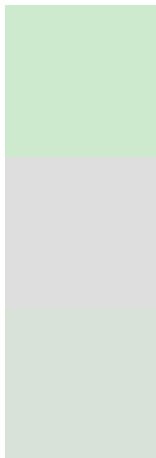
**Original Color**  
CDEACF

**Protanomaly**  
E1E4CC

**Deuteranomaly**  
ECE0D1

**Tritanomaly**  
D1E6E8

# Monochromacy



**Original Color**  
CDEACF

**Achromatopsia**  
DEDEDE

**Achromatomaly**  
D8E2D9

# CSS Examples

## Text

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

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

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 #CDEACF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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