

# Converting Colors

Hex(CAE4AC)

Have a look what the booklet for  
Hex(CAE4AC) contains.

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# **Color**

**Hex(CAE4AC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CAE4AC
RGB	202, 228, 172
RGB Percent	79%, 89%, 67%
CMY	0.2078, 0.1059, 0.3255
CMYK	0.11, 0.00, 0.25, 0.11
HSL	88°, 51%, 78%
HSV	88°, 25%, 89%
XYZ	59.5469, 71.0219, 49.5999
YIQ	213.8420, 2.4800, -22.9280

# Conversions

## Conversions Part 2

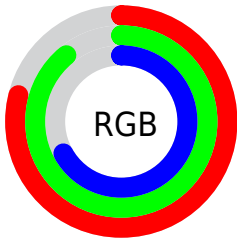
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 228, 198
Decimal	13296812
CIELab	87.50, -18.27, 24.55
CIELCh	87, 30.603, 126.647
Yxy	71.0219, 0.3305, 0.3942
Android (android.graphics.Color)	4291486892 (0xFFCAE4AC)
YUV	213.8420, -20.6281, -10.3854
Hunter-Lab	84.2745, -21.3553, 24.0969

# Details

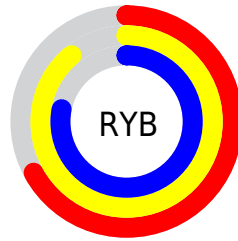
The Hex color **CAE4AC** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **C6ACE4**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFE4**, and **93AD77** is the 20% darker color. If you saturate the color by 10%, you get **BFE495**, and if you desaturate by 10%, it is **D5E4C3**.

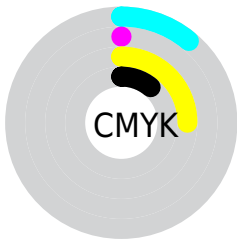
# Distribution



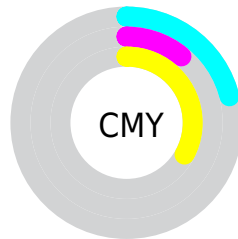
- Red (79%)
- Green (89%)
- Blue (67%)



- Red (67%)
- Yellow (89%)
- Blue (78%)



- Cyan (11%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAE4AC 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 CAE4AC by changing the saturation by 10% instead.



 CAE4AC

FFFFFF

 FFFFE4

 CAE4AC

 AEC891

 93AD77

 79925E

 607846

 485F2F

 304819

 1A3100

 001D00

 000000

 CAE4AC

 CAE4AC

 BFE495

 D5E4C3

 B5E47E

 DFE4DA

 AAE468

 EAE4F0

 A0E451

 F4E4FF

 95E43A

 FFE4FF

 8AE423

 80E40C

 7AE400

# Harmonies

## Analogous

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



EADBA1



CAE4AC



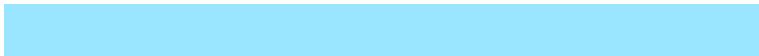
A9EAC3

# Triad

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



CAE4AC



9AE5FF



FFC6D6

# Complementary

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



CAE4AC



C6ACE4

# 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.



FFC9F3



CAE4AC



C1DCFF

# Square

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



CAE4AC



86EAFD



E8D2FF



FFCABA

# Rectangle

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



CAE4AC



95EBD7



E8D2FF



FFC6E0

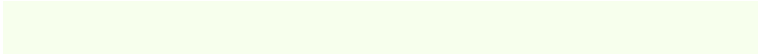


# Sweetspot

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



CAE4AC



F7FFED



E4C5AC



7B8075



000000



808080

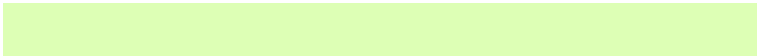


# Same Dimension

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



CAE4AC



DFFB5



AFE4AC



6D7367



60B300



1B3300



# Inverse Universe

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



C6ACE4



D7B5FF



E1ACE4



6D6773



5300B3

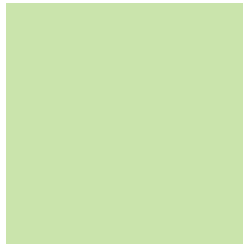


180033



# Previews

## White Background



This preview shows how the Hex color CAE4AC 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 CAE4AC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

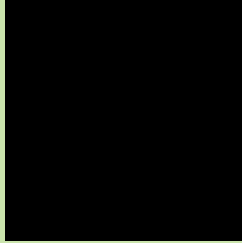
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

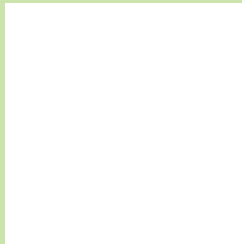
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAE4AC Background



This preview shows how black text looks on a background with the Hex color CAE4AC.

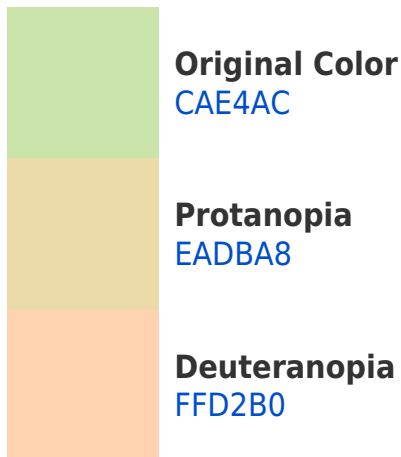


This preview shows how white text looks on a background with the Hex color CAE4AC.

# 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](#).

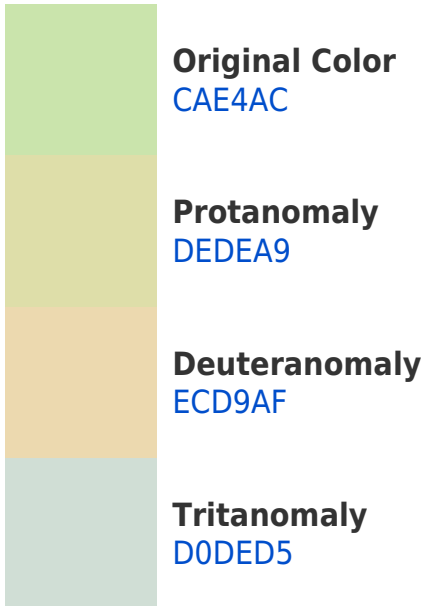
## Dichromacy



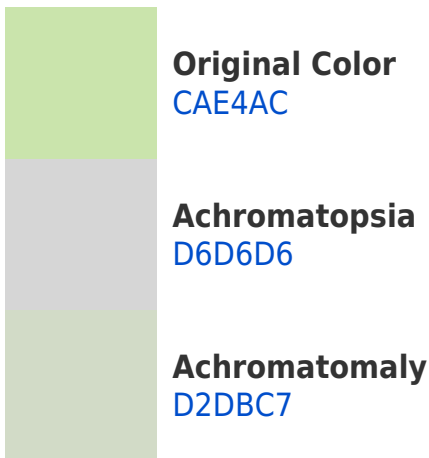


**Tritanopia**  
D4DBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAE4AC 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 #CAE4AC looks like.

```
.text, #text, p{  
    color:#CAE4AC  
}
```

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 #CAE4AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE4AC
}
```

## Border

The CSS property to change the border of an element to Hex CAE4AC 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
#CAE4AC }
```

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

```
.border{ border-color:#CAE4AC }
```

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

Here you see how a box with a 4 pixel #CAE4AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE4AC; -webkit-box-shadow:4px 4px  
4px 4px #CAE4AC; box-shadow:4px 4px 4px  
4px #CAE4AC }
```

# Background

The CSS property to change the background color of an element to Hex CAE4AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE4AC }
```

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

```
.background{ background-color:#CAE4AC }
```

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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