

# Converting Colors

Hex(CAE7C1)

Have a look what the booklet for  
Hex(CAE7C1) contains.

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# **Color**

**Hex(CAE7C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAE7C1
RGB	202, 231, 193
RGB Percent	79%, 91%, 76%
CMY	0.2078, 0.0941, 0.2431
CMYK	0.13, 0.00, 0.16, 0.09
HSL	106°, 44%, 83%
HSV	106°, 16%, 91%
XYZ	62.5587, 73.5586, 61.3531
YIQ	217.9970, -5.0860, -17.9660

# Conversions

## Conversions Part 2

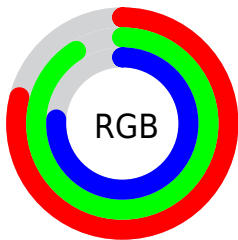
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	193, 231, 222
Decimal	13297601
CIE Lab	88.71, -16.42, 15.35
CIE LCh	89, 22.477, 136.933
Yxy	73.5586, 0.3168, 0.3725
Android (android.graphics.Color)	4291487681 (0xFFCAE7C1)
YUV	217.9970, -12.3235, -14.0294
Hunter-Lab	85.7663, -19.8917, 17.6232

# Details

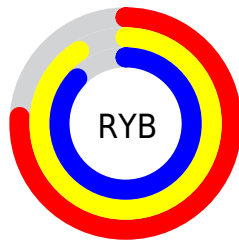
The Hex color **CAE7C1** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DEC1E7**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFFA**, and **94AF8B** is the 20% darker color. If you saturate the color by 10%, you get **B8E7AA**, and if you desaturate by 10%, it is **DCE7D8**.

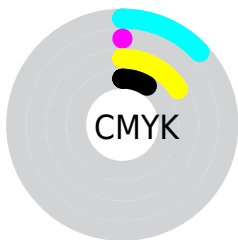
# Distribution



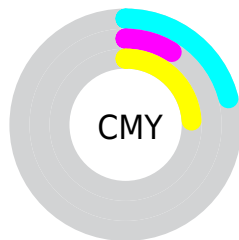
- Red (79%)
- Green (91%)
- Blue (76%)



- Red (76%)
- Yellow (91%)
- Blue (87%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (21%)
- Magenta (9%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAE7C1 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 CAE7C1 by changing the saturation by 10% instead.



 CAE7C1

 CAE7C1


FFFFFFF

 AECBA6

 FFFFFFFA

 94AF8B

 7A9572

 617B59

 486242

 314A2B

 1B3316

 061E00

 000000

 CAE7C1

 CAE7C1

 B8E7AA

 DCE7D8

 A7E793

 EDE7EF

 95E77C

 FFE7FF

 83E765

 72E74D

 60E736

 4FE71F

 3DE708

 37E700

# Harmonies

## Analogous

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



E3E1B6



CAE7C1



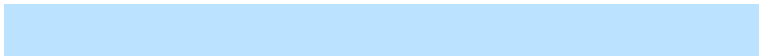
B4EBD4

# Triad

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



CAE7C1



BBE3FF



FFD0D3

# Complementary

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



CAE7C1



DEC1E7

# 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.



FFD1E9



CAE7C1



D6DCFF

# Square

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



CAE7C1



A8E9FD



F1D5FC



FFD4C0

# Rectangle

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



CAE7C1



A9EBE3



F1D5FC



FFD0DA



# Sweetspot

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



CAE7C1



F5FFF2



E7DEC1



7A8078



000000



808080

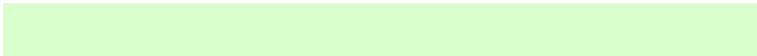


# Same Dimension

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



CAE7C1



D8FFCC



C1E7CB



6A7367



2AB300



0C3300



# Inverse Universe

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



DEC1E7



F3CCFF



E7C1DE



706773



8800B3

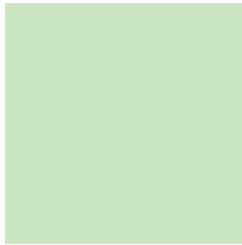


270033



# Previews

## White Background



This preview shows how the Hex color CAE7C1 looks on a white background.

## Color Contrast Check

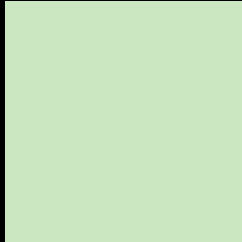
Large Text (above 18pt) WCAG AA × Fail

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 CAE7C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

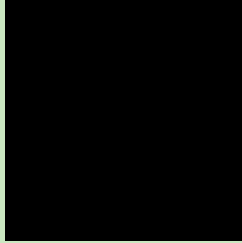
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

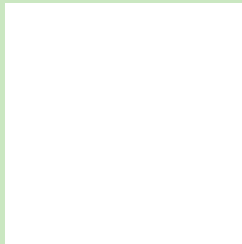
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAE7C1 Background



This preview shows how black text looks on a background with the Hex color CAE7C1.

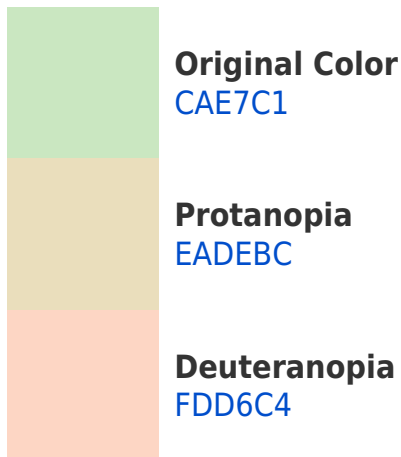


This preview shows how white text looks on a background with the Hex color CAE7C1.

# Color Blindness Simulation

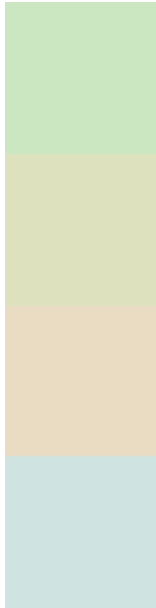
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



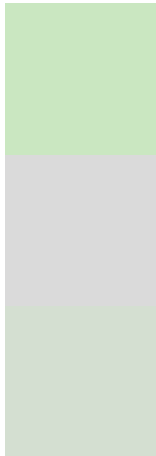
**Original Color**  
CAE7C1

**Protanomaly**  
DEE1BE

**Deuteranomaly**  
EADCC3

**Tritanomaly**  
CFE3E0

# Monochromacy



**Original Color**  
CAE7C1

**Achromatopsia**  
DADADA

**Achromatomaly**  
D4DFD1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAE7C1 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 #CAE7C1 looks like.

```
.text, #text, p{  
    color:#CAE7C1  
}
```

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 #CAE7C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE7C1
}
```

## Border

The CSS property to change the border of an element to Hex CAE7C1 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
#CAE7C1 }
```

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

```
.border{ border-color:#CAE7C1 }
```

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

Here you see how a box with a 4 pixel #CAE7C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE7C1; -webkit-box-shadow:4px 4px  
4px 4px #CAE7C1; box-shadow:4px 4px 4px  
4px #CAE7C1 }
```

# Background

The CSS property to change the background color of an element to Hex CAE7C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE7C1 }
```

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

```
.background{ background-color:#CAE7C1 }
```

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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