

# Converting Colors

Hex(CAEBD7)

Have a look what the booklet for  
Hex(CAEBD7) contains.

<b>Hex(CAEBD7)</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(CAEBD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAEBD7
RGB	202, 235, 215
RGB Percent	79%, 92%, 84%
CMY	0.2078, 0.0784, 0.1569
CMYK	0.14, 0.00, 0.09, 0.08
HSL	144°, 45%, 86%
HSV	144°, 14%, 92%
XYZ	66.3312, 76.8795, 75.6332
YIQ	222.8530, -13.2480, -13.2160

# Conversions

## Conversions Part 2

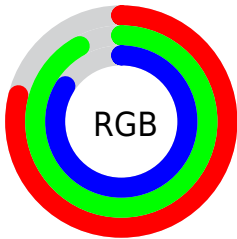
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 226, 235
Decimal	13298647
CIE <sub>Lab</sub>	90.27, -14.54, 6.09
CIE <sub>LCh</sub>	90, 15.765, 157.268
Yxy	76.8795, 0.3031, 0.3513
Android (android.graphics.Color)	4291488727 (0xFFCAEBD7)
YUV	222.8530, -3.8715, -18.2881
Hunter-Lab	87.6810, -18.4053, 10.2334

# Details

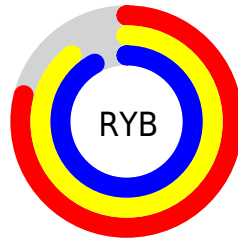
The Hex color **CAEBD7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EBCADE**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **94B3A0** is the 20% darker color. If you saturate the color by 10%, you get **B3EBC9**, and if you desaturate by 10%, it is **E2EBE5**.

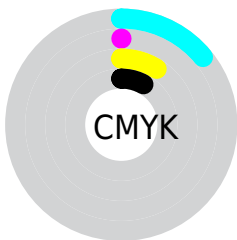
# Distribution



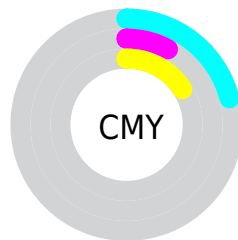
- Red (79%)
- Green (92%)
- Blue (84%)



- Red (79%)
- Yellow (89%)
- Blue (92%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)



- Cyan (21%)
- Magenta (8%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAEBD7 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 CAEBD7 by changing the saturation by 10% instead.



■ CAEBD7

FFFFFF

■ CAEBD7

■ AECFBB

■ 94B3A0

■ 7A9886

■ 617E6D

■ 486555

■ 314D3D

■ 1B3628

■ 052113

■ 000200

 CAEBD7

 CAEBD7

 B3EBC9

 E2EBE5

 9BEBCB

 F9EBF3

 84EBAC

 FFEBFF

 6CEB9E

 55EB90

 3DEB82

 25EB73

 0EEB65

 00EB5D

# Harmonies

## Analogous

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



DAE8CB



CAEBD7



BFECE6

# Triad

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



CAEBD7



D8E3FF



FFDAD1

# Complementary

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



CAEBD7



EBCADE

# 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.



FFD9E0



CAEBD7



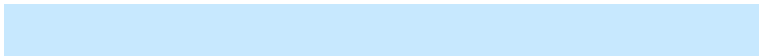
EBDEFB

# Square

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



CAEBD7



C7E8FE



FADAEF



FADEC8

# Rectangle

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



CAEBD7



BDECFO



FADAEF



FFDAD6



# Sweetspot

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



CAEBD7



F5FFF9



DEEBCA



79807C



000000



808080

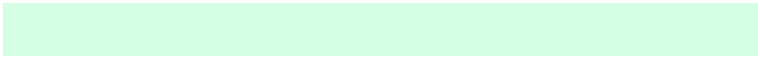


# Same Dimension

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



CAEBD7



D4FFE5



CAEBE7



6A756E



00B547



003615



# Inverse Universe

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



EBCADE



FFD4EE



EBCACE



756A71



B5006E

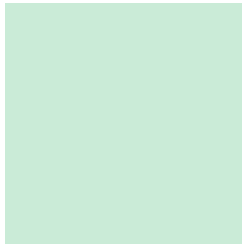


360020



# Previews

## White Background



This preview shows how the Hex color CAEBD7 looks on a white background.

## Color Contrast Check

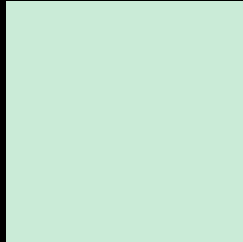
Large Text (above 18pt) WCAG AA × Fail

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 CAEBD7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

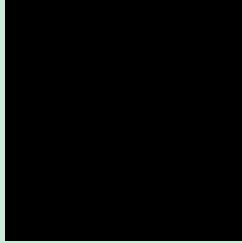
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

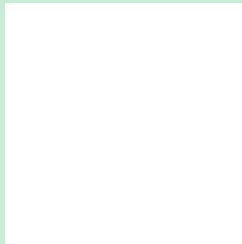
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAEBD7 Background



This preview shows how black text looks on a background with the Hex color CAEBD7.

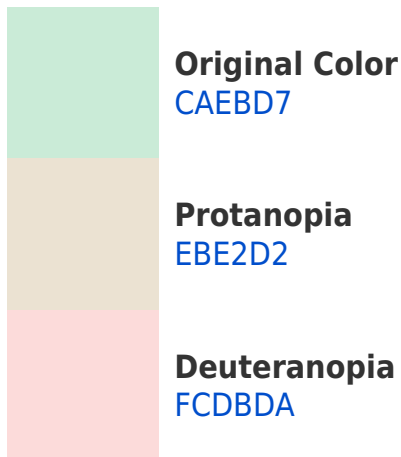


This preview shows how white text looks on a background with the Hex color CAEBD7.

# 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](#).

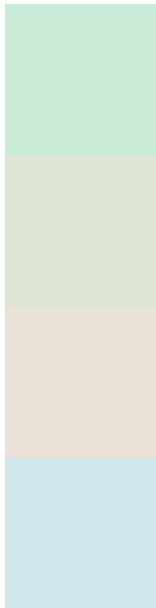
## Dichromacy





**Tritanopia**  
D0E6F8

# Trichromacy



**Original Color**  
CAEBD7

**Protanomaly**  
DFE5D4

**Deuteranomaly**  
EAE1D9

**Tritanomaly**  
CEE8EC

# Monochromacy



**Original Color**  
CAEBD7

**Achromatopsia**  
DFDFDF

**Achromatomaly**  
D7E3DC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAEBD7 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 #CAEBD7 looks like.

```
.text, #text, p{  
    color:#CAEBD7  
}
```

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 #CAEBD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAEBD7 }  
}
```

## Border

The CSS property to change the border of an element to Hex CAEBD7 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 #CAEBD7 }  
}
```

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

```
.border{ border-color:#CAEBD7 }
```

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

Here you see how a box with a 4 pixel #CAEBD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAEBD7; -webkit-box-shadow:4px 4px  
4px 4px #CAEBD7; box-shadow:4px 4px 4px  
4px #CAEBD7 }
```

# Background

The CSS property to change the background color of an element to Hex CAEBD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAEBD7 }
```

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

```
.background{ background-color:#CAEBD7 }
```

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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