

Converting Colors

Hex(CAEEB7)

Have a look what the booklet for
Hex(CAEEB7) contains.

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Color

Hex(CAEEB7)

Conversions

Conversions Part 1

Format	Color
Hex	CAEEB7
RGB	202, 238, 183
RGB Percent	79%, 93%, 72%
CMY	0.2078, 0.0667, 0.2824
CMYK	0.15, 0.00, 0.23, 0.07
HSL	99°, 62%, 83%
HSV	99°, 23%, 93%
XYZ	63.4789, 77.1245, 56.3406
YIQ	220.9660, -3.8010, -24.7370

Conversions

Conversions Part 2

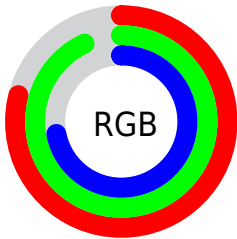
Format	Color
RYB	183, 238, 219
Decimal	13299383
CIELab	90.38, -21.48, 22.85
CIELCh	90, 31.357, 133.230
Yxy	77.1245, 0.3223, 0.3916
Android (android.graphics.Color)	4291489463 (0xFFCAEEB7)
YUV	220.9660, -18.7172, -16.6332
Hunter-Lab	87.8206, -24.6617, 23.4374

Details

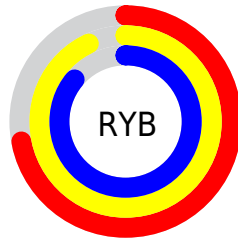
The Hex color **CAEEB7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DBB7EE**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **93B682** is the 20% darker color. If you saturate the color by 10%, you get **BAEE9F**, and if you desaturate by 10%, it is **DAEECF**.

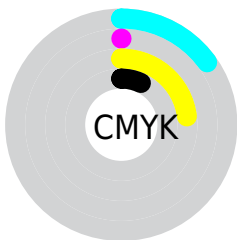
Distribution



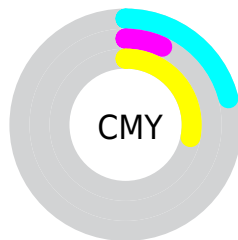
- Red (79%)
- Green (93%)
- Blue (72%)



- Red (72%)
- Yellow (93%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (23%)
- Black (7%)



- Cyan (21%)
- Magenta (7%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAEEB7 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 CAEEB7 by changing the saturation by 10% instead.

CAEEB7

CAEEB7

FFFFFF

AED29C

FFFFEF

93B682

799B68

608150

476839

304F22

18380C

012300

000300

 CAEEB7

 CAEEB7

 BAEE9F

 DAEECF

 ABEE87

 E9EEE7

 9BEE70

 F9EEFE

 8CEE58

 FFEEFF

 7CEE40

 6DEE28

 5DEE10

 52EE00

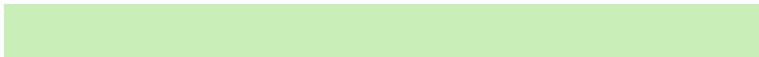
Harmonies

Analogous

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



ECE6A9



CAEEB7



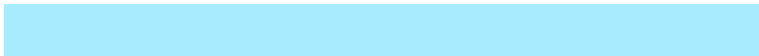
A8F3D1

Triad

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



CAEEB7



A8EBFF



FFCED7

Complementary

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



CAEEB7



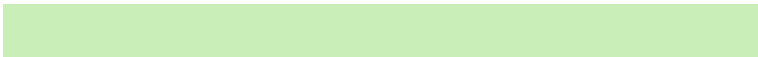
DBB7EE

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.



FFD0F6



CAEEB7



D1E2FF

Square

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



CAEEB7



8EF2FF



F9D7FF



FFD3BC

Rectangle

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



CAEEB7



96F4E6



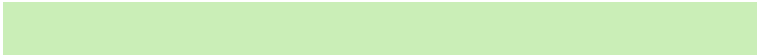
F9D7FF



FFCEE1

Sweetspot

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



CAEEB7



F3FFED



EEDBB7



798075



000000



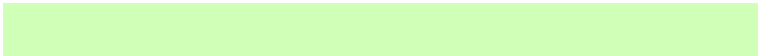
808080

Same Dimension

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



CAEEB7



D0FFB8



B7EEBF



70786C



3FB800



133800

Inverse Universe

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



DBB7EE



E6B8FF



EEB7E6



746C78



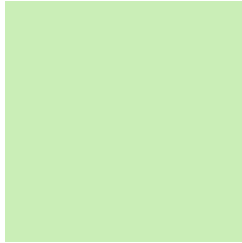
7800B8



250038

Previews

White Background



This preview shows how the Hex color CAEEB7 looks on a white background.

Color Contrast Check

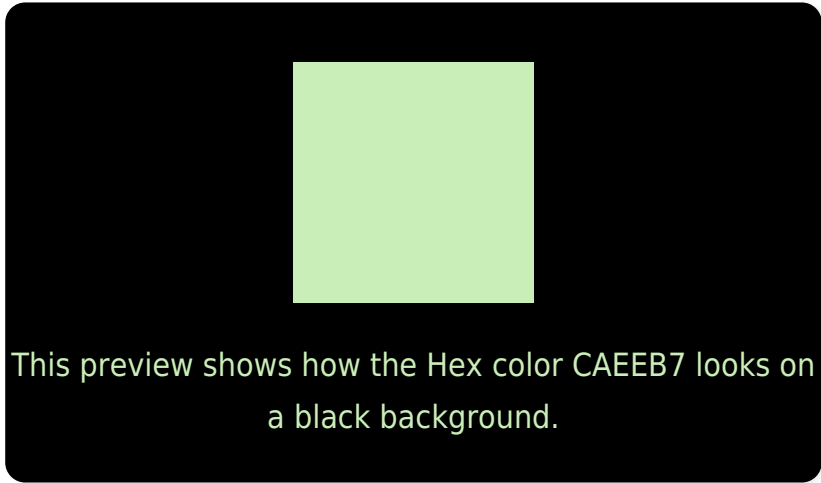
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

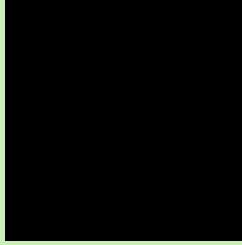
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

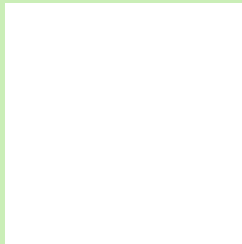
Any Text WCAG AAA ✓ Pass

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

Hex CAEEB7 Background



This preview shows how black text looks on a background with the Hex color CAEEB7.

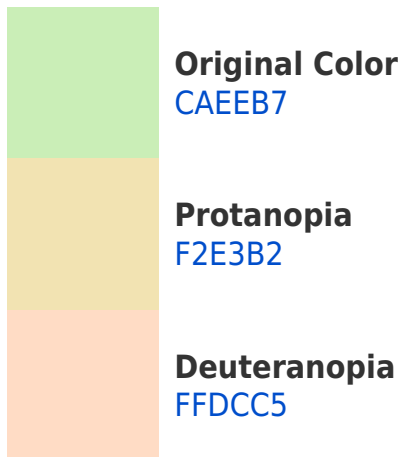


This preview shows how white text looks on a background with the Hex color CAEEB7.

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



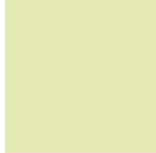


Tritanopia
D4E5F8

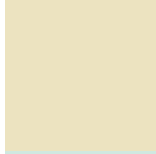
Trichromacy



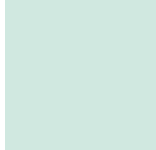
Original Color
CAEEB7



Protanomaly
E3E7B4



Deuteranomaly
ECE3C0

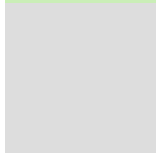


Tritanomaly
D0E8E0

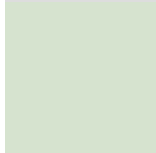
Monochromacy



Original Color
CAEEB7



Achromatopsia
DDDDDD



Achromatomaly
D6E3CF

CSS Examples

Text

The CSS property to change the color of the text to Hex CAEEB7 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 #CAEEB7 looks like.

```
.text, #text, p{  
    color:#CAEEB7  
}
```

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 #CAEEB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAEEB7  
}
```

Border

The CSS property to change the border of an element to Hex CAEEB7 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  
#CAEEB7 }
```

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

```
.border{ border-color:#CAEEB7 }
```

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

Here you see how a box with a 4 pixel #CAEEB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAEEB7; -webkit-box-shadow:4px 4px  
4px 4px #CAEEB7; box-shadow:4px 4px 4px  
4px #CAEEB7 }
```

Background

The CSS property to change the background color of an element to Hex CAEEB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAEEB7 }
```

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

```
.background{ background-color:#CAEEB7 }
```

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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