

# Converting Colors

Hex(CAEAEB)

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

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# **Color**

**Hex(CAEAEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAEAEB
RGB	202, 234, 235
RGB Percent	79%, 92%, 92%
CMY	0.2078, 0.0824, 0.0784
CMYK	0.14, 0.00, 0.00, 0.08
HSL	182°, 45%, 86%
HSV	182°, 14%, 92%
XYZ	68.7753, 77.4004, 89.9122
YIQ	224.5460, -19.3930, -6.4730

# Conversions

## Conversions Part 2

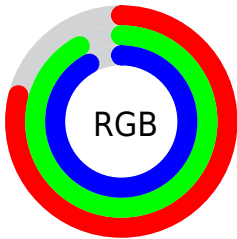
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 218, 235
Decimal	13298411
CIE <sub>Lab</sub>	90.51, -10.19, -4.01
CIE <sub>LCh</sub>	91, 10.950, 201.458
Y <sub>xy</sub>	77.4004, 0.2913, 0.3278
Android (android.graphics.Color)	4291488491 (0xFFCAEAEB)
YUV	224.5460, 5.1538, -19.7728
Hunter-Lab	87.9775, -14.4203, 0.9904

# Details

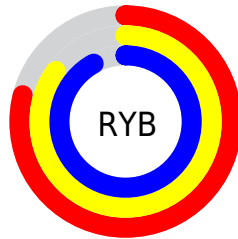
The Hex color **CAEAEB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EBCBCA**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **94B2B3** is the 20% darker color. If you saturate the color by 10%, you get **B3E9EB**, and if you desaturate by 10%, it is **E2EBEB**.

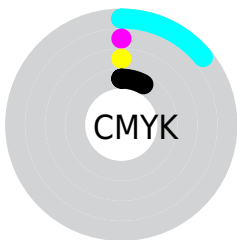
# Distribution



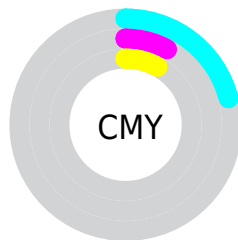
- Red (79%)
- Green (92%)
- Blue (92%)



- Red (79%)
- Yellow (85%)
- Blue (92%)



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



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

# Brightness & Saturation Gradients

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



■ CAEAEB

FFFFFF

■ CAEAEB

■ AECECF

■ 94B2B3

■ 799899

■ 607E7F

■ 486566

■ 314D4E

■ 1A3637

■ 042022

■ 00040B

 CAEAEB

 CAEAEB

 B3E9EB

 E2EBEB

 9BE9EB

 F9EBEB

 84E8EB

 FFECEB

 6CE7EB

 FFEDEB

 55E6EB

 FFEEEB

 3DE6EB

 FFEFEB

 25E5EB

 FFF0EB

 0EE4EB

 00E4EB

# Harmonies

## Analogous

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



CEEAE0



CAEAEB



CDE8F4

# Triad

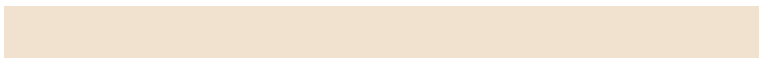
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CAEAEB



EFDFF1



F0E2CF

# Complementary

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



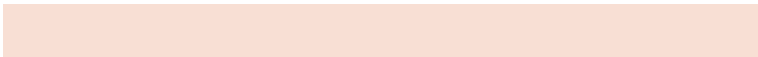
CAEAEB



EBCBCA

# 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.



F8DFD4



CAEAEB



F8DDE7

# Square

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



CAEAEB



E2E2F7



FBDDDD



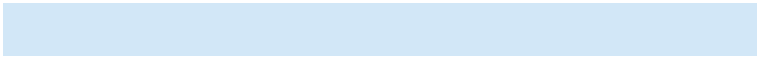
E4E5D0

# Rectangle

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



CAEAEB



D2E7F7



FBDDDD



F3E1D0



# Sweetspot

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



CAEAEB



F5FFFF



CAEBCB



797F80



000000



808080



# Same Dimension

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



CAEAEB



D4FEFF



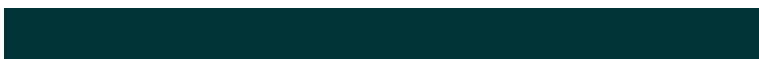
CADAEB



6A7575



00B0B5



003436



# Inverse Universe

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



EBCAEA



FFD4FE



EBDBCA



756A75



B500B0

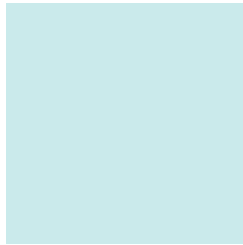


360034



# Previews

## White Background



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

## Color Contrast Check

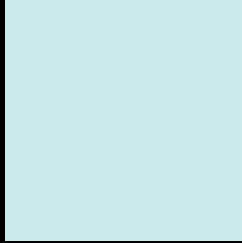
Large Text (above 18pt) WCAG AA × Fail

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 CAEAEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

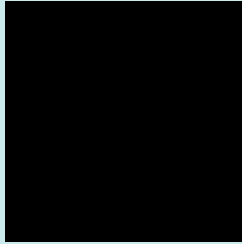
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

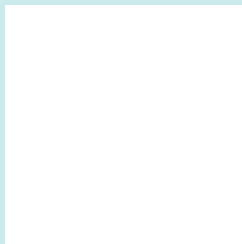
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAEAEB Background



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



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

# 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](#).

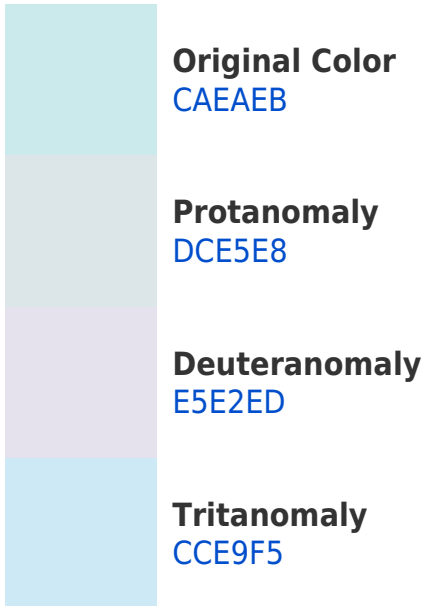
## Dichromacy



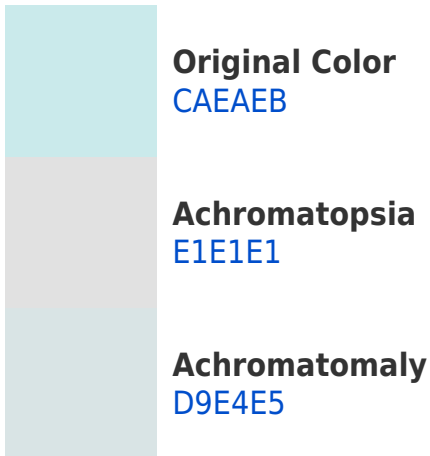


**Tritanopia**  
CDE8FA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #CAEAEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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