

# Converting Colors

Hex(C9EAAB)

Have a look what the booklet for  
Hex(C9EAAB) contains.

<b>Hex(C9EAAB)</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(C9EAAB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9EAAB
RGB	201, 234, 171
RGB Percent	79%, 92%, 67%
CMY	0.2118, 0.0824, 0.3294
CMYK	0.14, 0.00, 0.27, 0.08
HSL	91°, 60%, 79%
HSV	91°, 27%, 92%
XYZ	60.8609, 74.2034, 49.6431
YIQ	216.9510, 0.5550, -26.5890

# Conversions

## Conversions Part 2

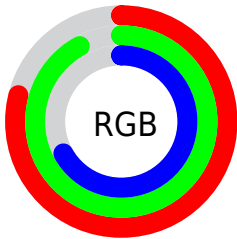
Format	Color
<a href="#">RYB</a>	<a href="#">171, 234, 204</a>
Decimal	<a href="#">13232811</a>
CIELab	<a href="#">89.02, -21.71, 27.13</a>
CIElCh	<a href="#">89, 34.748, 128.659</a>
Yxy	<a href="#">74.2034, 0.3295, 0.4017</a>
Android (android.graphics.Color)	<a href="#">4291422891 (0xFFC9EAAB)</a>
YUV	<a href="#">216.9510, -22.6538, -13.9890</a>
Hunter-Lab	<a href="#">86.1414, -24.6331, 26.1303</a>

# Details

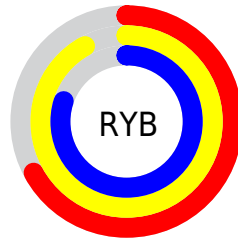
The Hex color **C9EAAB** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **CCABEA**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFE3**, and **92B276** is the 20% darker color. If you saturate the color by 10%, you get **BDEA94**, and if you desaturate by 10%, it is **D5EAC2**.

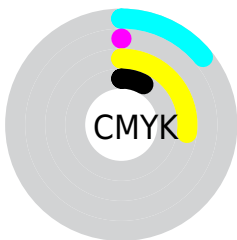
# Distribution



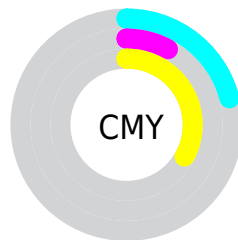
- Red (79%)
- Green (92%)
- Blue (67%)



- Red (67%)
- Yellow (92%)
- Blue (80%)



- Cyan (14%)
- Magenta (0%)
- Yellow (27%)
- Black (8%)



- Cyan (21%)
- Magenta (8%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9EAAB 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 C9EAAB by changing the saturation by 10% instead.



 C9EAAB

FFFFFF

 FFFFE3

 C9EAAB

 ADCE90

 92B276

 78975D

 5F7D45

 46642E

 2E4C17

 183500

 002000

 000000

 C9EAAB

 C9EAAB

 BDEA94

 D5EAC2

 B0EA7C

 E2EADA

 A4EA65

 EEEAF1

 98EA4D

 FAEAFF

 8CEA36

 FFEAFF

 7FEA1F

 73EA07

 6FEA00

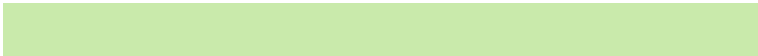
# Harmonies

## Analogous

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



EEE19E



C9EAAB



A3F0C6

# Triad

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



C9EAAB



95EAFF



FFC7D7

# Complementary

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



C9EAAB



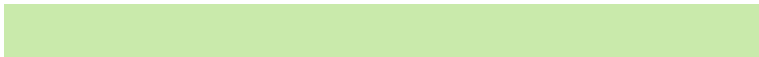
CCABEA

# 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.



FFCAF8



C9EAAB



C3DFFF

# Square

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



C9EAAB



79F0FF



F1D4FF



FFCCB8

# Rectangle

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



C9EAAB



8CF2DD



F1D4FF



FFC7E2



# Sweetspot

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



C9EAAB



F4FFEB



EACCAB



798073



000000



808080

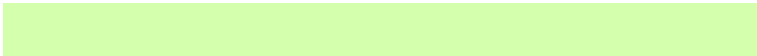


# Same Dimension

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



C9EAAB



D4FFAD



ABEAAC



6F756A



56B500



1A3600



# Inverse Universe

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



CCABEA



D8ADFF



EAABE9



706A75



5F00B5

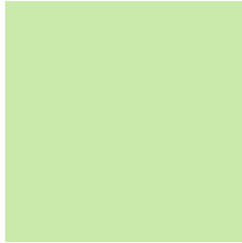


1C0036



# Previews

## White Background



This preview shows how the Hex color C9EAAB looks on a white background.

## Color Contrast Check

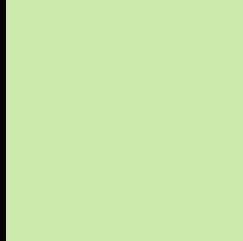
Large Text (above 18pt) WCAG AA × Fail

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 C9EAAB 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 C9EAAB Background



This preview shows how black text looks on a background with the Hex color C9EAAB.

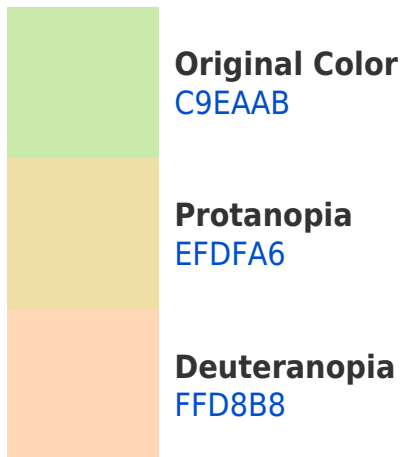


This preview shows how white text looks on a background with the Hex color C9EAAB.

# 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**  
D4E1F2

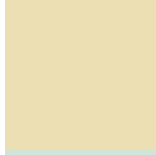
# Trichromacy



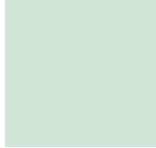
**Original Color**  
C9EAAB



**Protanomaly**  
E1E3A8



**Deuteranomaly**  
EBDFB3

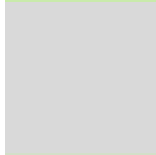


**Tritanomaly**  
D0E4D8

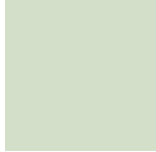
# Monochromacy



**Original Color**  
C9EAAB



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
D3DFC8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9EAAB 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 #C9EAAB looks like.

```
.text, #text, p{  
    color:#C9EAAB  
}
```

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 #C9EAAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9EAAB
}
```

## Border

The CSS property to change the border of an element to Hex C9EAAB 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
#C9EAAB }
```

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

```
.border{ border-color:#C9EAAB }
```

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

Here you see how a box with a 4 pixel #C9EAAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9EAAB; -webkit-box-shadow:4px 4px  
4px 4px #C9EAAB; box-shadow:4px 4px 4px  
4px #C9EAAB }
```

# Background

The CSS property to change the background color of an element to Hex C9EAAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9EAAB }
```

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

```
.background{ background-color:#C9EAAB }
```

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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