

# Converting Colors

Hex(CEEAC9)

Have a look what the booklet for  
Hex(CEEAC9) contains.

<b>Hex(CEEAC9)</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(CEEAC9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEEAC9
RGB	206, 234, 201
RGB Percent	81%, 92%, 79%
CMY	0.1922, 0.0824, 0.2118
CMYK	0.12, 0.00, 0.14, 0.08
HSL	111°, 44%, 85%
HSV	111°, 14%, 92%
XYZ	65.4190, 76.1845, 66.5155
YIQ	221.8660, -6.0950, -16.1990

# Conversions

## Conversions Part 2

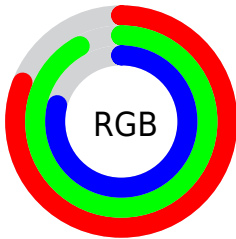
Format	Color
R <sub>Y</sub> B	201, 234, 229
Decimal	13560521
CIE Lab	89.94, -15.20, 12.96
CIE LCh	90, 19.976, 139.539
Yxy	76.1845, 0.3143, 0.3661
Android (android.graphics.Color)	4291750601 (0xFFCEEAC9)
YUV	221.8660, -10.2869, -13.9145
Hunter-Lab	87.2837, -18.9610, 15.9161

# Details

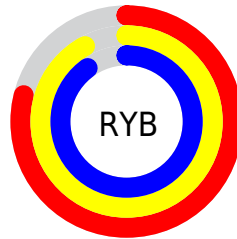
The Hex color **CEEAC9** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E5C9EA**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFFF**, and **98B293** is the 20% darker color. If you saturate the color by 10%, you get **BAEAB2**, and if you desaturate by 10%, it is **E2EAE0**.

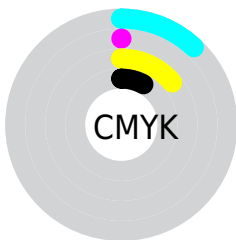
# Distribution



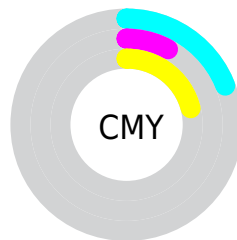
- Red (81%)
- Green (92%)
- Blue (79%)



- Red (79%)
- Yellow (92%)
- Blue (90%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)



- Cyan (19%)
- Magenta (8%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEEAC9 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 CEEAC9 by changing the saturation by 10% instead.



■ CEEAC9

FFFFFF

■ CEEAC9

■ B2CEAE

■ 98B293

■ 7D9779

■ 647E60

■ 4C6449

■ 354C32

■ 1F361D

■ 0B2004

■ 000000

 CEEAC9

 CEEAC9

 BAEAB2

 E2EAE0

 A6EA9A

 F6EAF8

 92EA83

 FFEAFF

 7FEA6B

 6BEA54

 57EA3D

 43EA25

 2FEA0E

 23EA00

# Harmonies

## Analogous

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



E4E5BE



CEEAC9



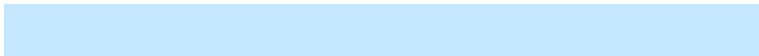
BBEDDB

# Triad

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



CEEAC9



C5E6FF



FFD5D6

# Complementary

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



CEEAC9



E5C9EA

# 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.



FFD6EA



CEEAC9



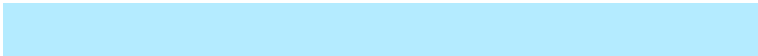
DDE0FF

# Square

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



CEEAC9



B4EBFF



F5D9FB



FFD9C6

# Rectangle

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



CEEAC9



B3EDE8



F5D9FB



FFD5DD



# Sweetspot

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



CEEAC9



F6FFF5



EAE4C9



7A8079



000000



808080

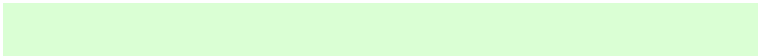


# Same Dimension

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



CEEAC9



DAFFD4



C9EAD4



6B756A



1BB500



083600



# Inverse Universe

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



E5C9EA



F8D4FF



EAC9DF



746A75



9A00B5

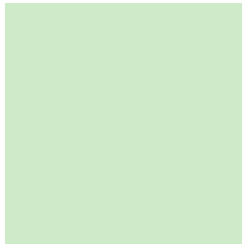


2D0036



# Previews

## White Background



This preview shows how the Hex color CEEAC9 looks on a white background.

## Color Contrast Check

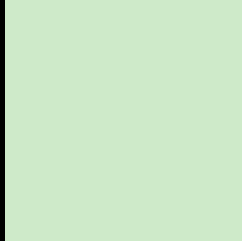
Large Text (above 18pt) WCAG AA × Fail

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 CEEAC9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

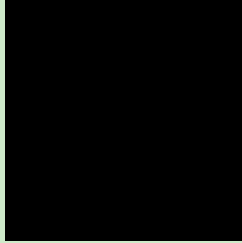
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

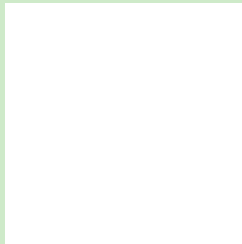
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEEAC9 Background



This preview shows how black text looks on a background with the Hex color CEEAC9.

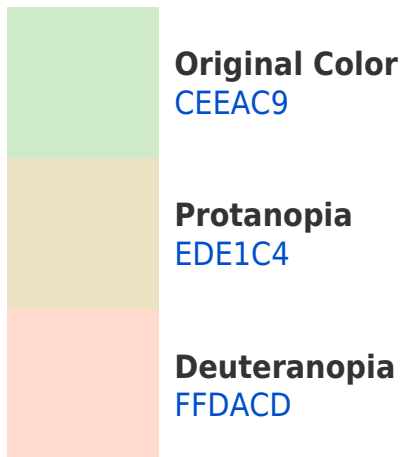


This preview shows how white text looks on a background with the Hex color CEEAC9.

# 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](#).

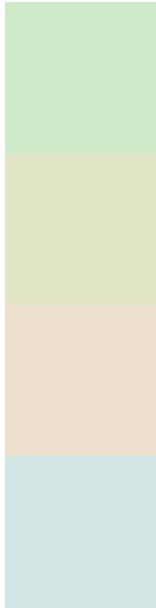
## Dichromacy





**Tritanopia**  
D5E4F6

# Trichromacy



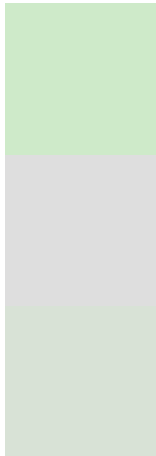
**Original Color**  
CEEAC9

**Protanomaly**  
E2E4C6

**Deuteranomaly**  
EDE0CC

**Tritanomaly**  
D2E6E6

# Monochromacy



**Original Color**  
CEEAC9

**Achromatopsia**  
DEDEDE

**Achromatomaly**  
D8E2D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEEAC9 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 #CEEAC9 looks like.

```
.text, #text, p{  
    color:#CEEAC9  
}
```

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 #CEEAC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEEAC9
}
```

## Border

The CSS property to change the border of an element to Hex CEEAC9 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
#CEEAC9 }
```

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

```
.border{ border-color:#CEEAC9 }
```

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

Here you see how a box with a 4 pixel #CEEAC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEEAC9; -webkit-box-shadow:4px 4px  
4px 4px #CEEAC9; box-shadow:4px 4px 4px  
4px #CEEAC9 }
```

# Background

The CSS property to change the background color of an element to Hex CEEAC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEEAC9 }
```

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

```
.background{ background-color:#CEEAC9 }
```

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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