

# Converting Colors

Hex(CEEA9E)

Have a look what the booklet for  
Hex(CEEA9E) contains.

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# Color

**Hex(CEE9A9E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">CEEA9E</a>
RGB	<a href="#">206, 234, 158</a>
RGB Percent	<a href="#">81%, 92%, 62%</a>
CMY	<a href="#">0.1922, 0.0824, 0.3804</a>
CMYK	<a href="#">0.12, 0.00, 0.32, 0.08</a>
HSL	<a href="#">82°, 64%, 77%</a>
HSV	<a href="#">82°, 32%, 92%</a>
XYZ	<a href="#">61.0480, 74.4361, 43.4978</a>
YIQ	<a href="#">216.9640, 7.7080, -29.5720</a>

# Conversions

## Conversions Part 2

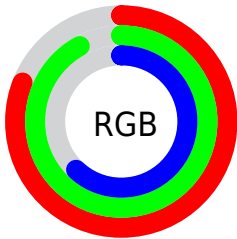
Format	Color
<a href="#">RYB</a>	<a href="#">158, 234, 186</a>
Decimal	<a href="#">13560478</a>
CIELab	<a href="#">89.13, -21.74, 33.96</a>
CIELCh	<a href="#">89, 40.319, 122.626</a>
Yxy	<a href="#">74.4361, 0.3411, 0.4159</a>
Android (android.graphics.Color)	<a href="#">4291750558 (0xFFCCEEA9E)</a>
YUV	<a href="#">216.9640, -29.0693, -9.6154</a>
Hunter-Lab	<a href="#">86.2763, -24.6794, 30.5013</a>

# Details

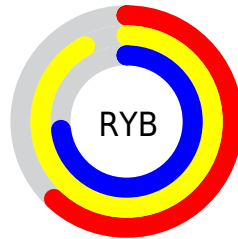
The Hex color **CEEA9E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BA9EEA**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFD5**, and **97B26A** is the 20% darker color. If you saturate the color by 10%, you get **C5EA87**, and if you desaturate by 10%, it is **D7EAB5**.

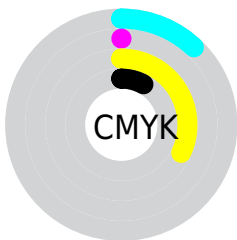
# Distribution



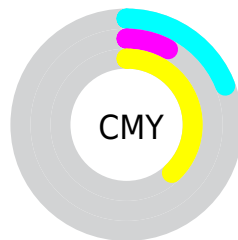
- Red (81%)
- Green (92%)
- Blue (62%)



- Red (62%)
- Yellow (92%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (8%)



- Cyan (19%)
- Magenta (8%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEEA9E 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 CEEA9E by changing the saturation by 10% instead.



 CEEA9E

 CEEA9E

FFFFFF

 B2CE83

 FFFFD5


 97B26A

 FFFFF2

 7C9751

 627D39

 496421

 314C08

 1B3500

 002100

 000000

 CEEA9E

 CEEA9E

 C5EA87

 D7EAB5

 BDEA6F

 DFEACD

 B4EA58

 E8EAE4

 ACEA40

 F0EAFC

 A3EA29

 F9EAFF

 9AEA12

 FFEAFF

 94EA00

# Harmonies

## Analogous

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



F7DF93



CEEA9E



A1F2BB

# Triad

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



CEEA9E



77EDFF



FFC3DE

# Complementary

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



CEEA9E



BA9EEA

# Split Complementary

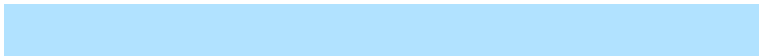
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC8FF



CEEA9E



B1E2FF

# Square

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



CEEA9E



5AF4FF



E9D5FF



FFC6B8

# Rectangle

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



CEEA9E



82F4D5



E9D5FF



FFC4EB



# Sweetspot

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



CEEA9E



F6FFE6



EABA9E



7A8070



000000



808080

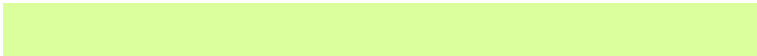


# Same Dimension

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



CEEA9E



DAFF9C



A8EA9E



71756A



72B500



223600



# Inverse Universe

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



BA9EEA



C09CFF



E09EEA



6E6A75



4300B5

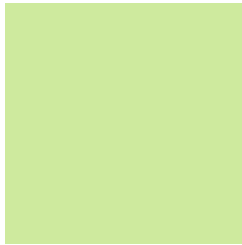


140036



# Previews

## White Background



This preview shows how the Hex color CEEA9E looks on a white background.

## Color Contrast Check

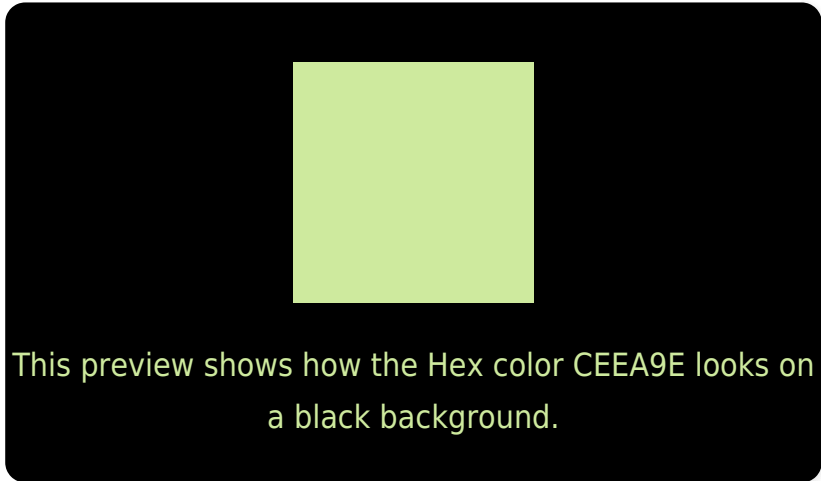
Large Text (above 18pt) WCAG AA × Fail

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

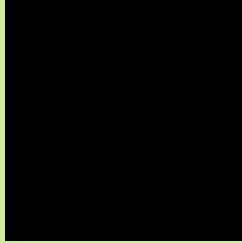
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEEA9E Background



This preview shows how black text looks on a background with the Hex color CEEA9E.

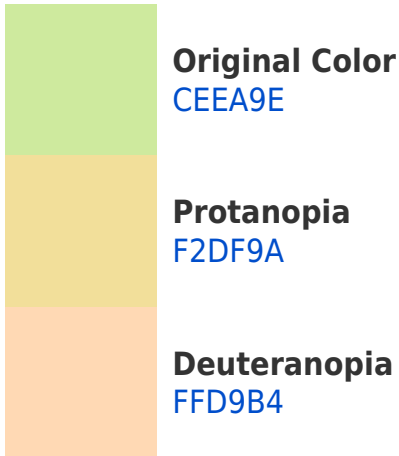


This preview shows how white text looks on a background with the Hex color CEEA9E.

# 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

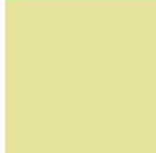




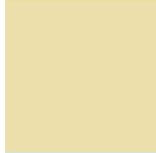
# Trichromacy



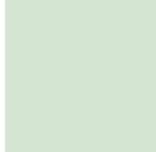
**Original Color**  
CEE A9E



**Protanomaly**  
E5E39B



**Deuteranomaly**  
EDDFAC

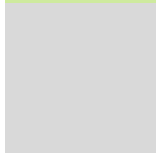


**Tritanomaly**  
D6E4D3

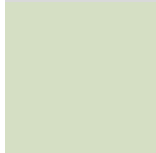
# Monochromacy



**Original Color**  
CEE A9E



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
D5DFC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEEA9E 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 #CEEA9E looks like.

```
.text, #text, p{  
    color:#CEEA9E  
}
```

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 #CEEA9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEEA9E
}
```

## Border

The CSS property to change the border of an element to Hex CEEA9E 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
#CEEA9E }
```

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

```
.border{ border-color:#CEEA9E }
```

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

Here you see how a box with a 4 pixel #CEEA9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEEA9E; -webkit-box-shadow:4px 4px  
4px 4px #CEEA9E; box-shadow:4px 4px 4px  
4px #CEEA9E }
```

# Background

The CSS property to change the background color of an element to Hex CEEA9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEEA9E }
```

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

```
.background{ background-color:#CEEA9E }
```

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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