

# Converting Colors

Hex(CEE8B5)

Have a look what the booklet for  
Hex(CEE8B5) contains.

<b>Hex(CEE8B5)</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(CEE8B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEE8B5
RGB	206, 232, 181
RGB Percent	81%, 91%, 71%
CMY	0.1922, 0.0902, 0.2902
CMYK	0.11, 0.00, 0.22, 0.09
HSL	91°, 53%, 81%
HSV	91°, 22%, 91%
XYZ	62.6507, 74.1712, 54.7305
YIQ	218.4120, 0.8750, -21.3730

# Conversions

## Conversions Part 2

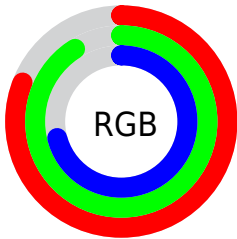
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 232, 207
Decimal	13559989
CIELab	89.00, -17.46, 22.02
CIELCh	89, 28.100, 128.407
Yxy	74.1712, 0.3271, 0.3872
Android (android.graphics.Color)	4291750069 (0xFFCEE8B5)
YUV	218.4120, -18.4441, -10.8853
Hunter-Lab	86.1227, -20.8634, 22.6074

# Details

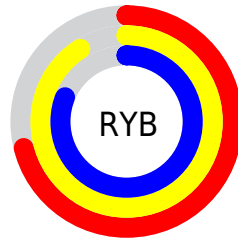
The Hex color **CEE8B5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **CFB5E8**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFED**, and **97B080** is the 20% darker color. If you saturate the color by 10%, you get **C2E89E**, and if you desaturate by 10%, it is **DAE8CC**.

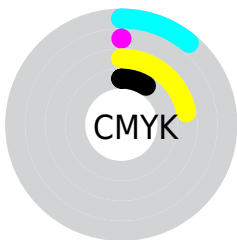
# Distribution



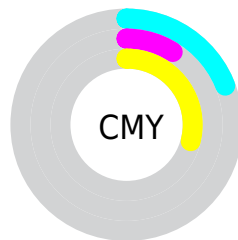
- Red (81%)
- Green (91%)
- Blue (71%)



- Red (71%)
- Yellow (91%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (19%)
- Magenta (9%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEE8B5 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 CEE8B5 by changing the saturation by 10% instead.



 CEE8B5

FFFFFF

 FFFFED

 CEE8B5

 B2CC9A

 97B080

 7D9667

 647C4E

 4B6337

 344B21

 1D340B

 051F00

 000000

 CEE8B5

 CEE8B5

 C2E89E

 DAE8CC

 B6E887

 E6E8E3

 ABE86F

 F1E8FB

 9FE858

 FDE8FF

 93E841

 FFE8FF

 87E82A

 7BE813

 72E800

# Harmonies

## Analogous

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



ECE0AA



CEE8B5



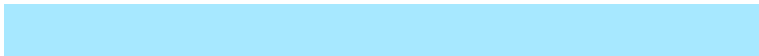
B0EDCB

# Triad

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



CEE8B5



A7E8FF



FFCCD9

# Complementary

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



CEE8B5



CFB5E8

# 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.



FFCFF4



CEE8B5



CADFFF

# Square

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



CEE8B5



94EDFF



EDD6FF



FFD0BF

# Rectangle

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



CEE8B5



9FEFDD



EDD6FF



FFCCE2



# Sweetspot

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



CEE8B5



F6FFED



E8CFB5



7A8075



000000



808080

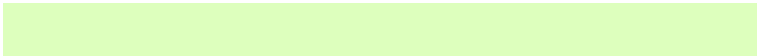


# Same Dimension

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



CEE8B5



DFFBD



B5E8B5



6D7367



58B300



193300



# Inverse Universe

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



CFB5E8



DFBDFD



E8B5E8



6D6773



5B00B3

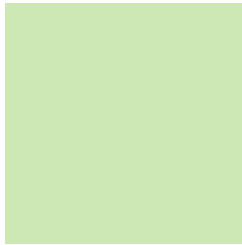


1A0033



# Previews

## White Background



This preview shows how the Hex color CEE8B5 looks on a white background.

## Color Contrast Check

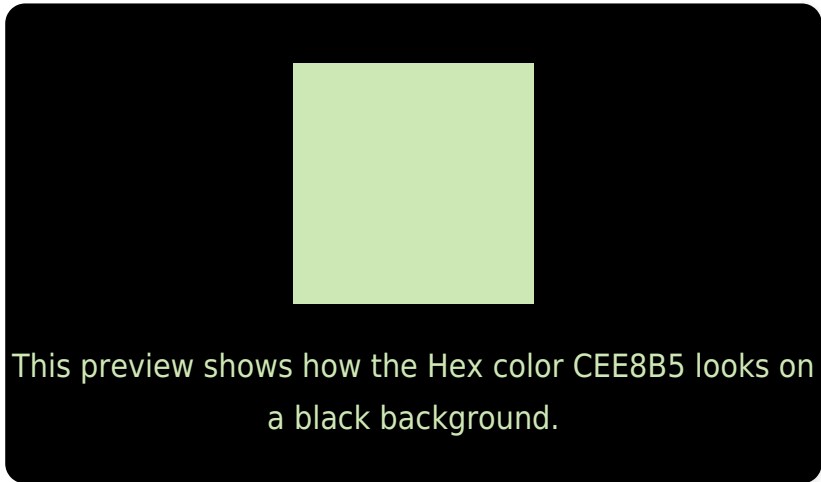
Large Text (above 18pt) WCAG AA × Fail

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

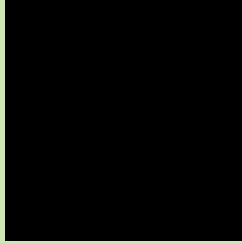
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

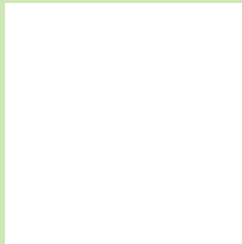
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEE8B5 Background



This preview shows how black text looks on a background with the Hex color CEE8B5.

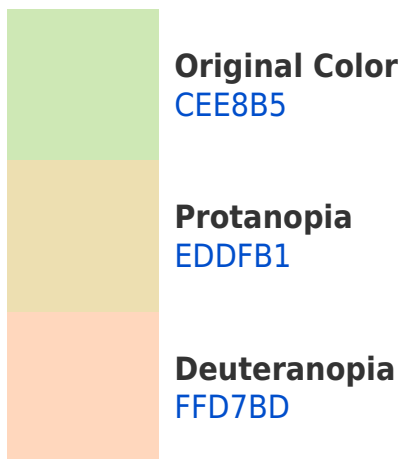


This preview shows how white text looks on a background with the Hex color CEE8B5.

# 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



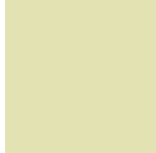


**Tritanopia**  
D7E0F2

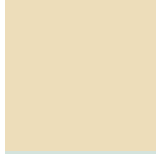
# Trichromacy



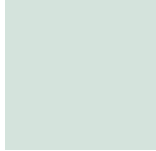
**Original Color**  
CEE8B5



**Protanomaly**  
E2E2B2



**Deuteranomaly**  
EDDDBA

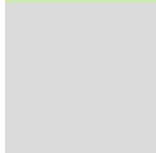


**Tritanomaly**  
D4E3DC

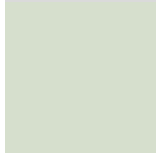
# Monochromacy



**Original Color**  
CEE8B5



**Achromatopsia**  
DADADA



**Achromatomaly**  
D6DFCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEE8B5 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 #CEE8B5 looks like.

```
.text, #text, p{  
    color:#CEE8B5  
}
```

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 #CEE8B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEE8B5
}
```

## Border

The CSS property to change the border of an element to Hex CEE8B5 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
#CEE8B5 }
```

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

```
.border{ border-color:#CEE8B5 }
```

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

Here you see how a box with a 4 pixel #CEE8B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEE8B5; -webkit-box-shadow:4px 4px  
4px 4px #CEE8B5; box-shadow:4px 4px 4px  
4px #CEE8B5 }
```

# Background

The CSS property to change the background color of an element to Hex CEE8B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEE8B5 }
```

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

```
.background{ background-color:#CEE8B5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor