

# Converting Colors

Hex(C5E0AF)

Have a look what the booklet for  
Hex(C5E0AF) contains.

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# **Color**

**Hex(C5E0AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5E0AF
RGB	197, 224, 175
RGB Percent	77%, 88%, 69%
CMY	0.2275, 0.1216, 0.3137
CMYK	0.12, 0.00, 0.22, 0.12
HSL	93°, 44%, 78%
HSV	93°, 22%, 88%
XYZ	57.4195, 68.2768, 50.7098
YIQ	210.3410, -0.3630, -20.9630

# Conversions

## Conversions Part 2

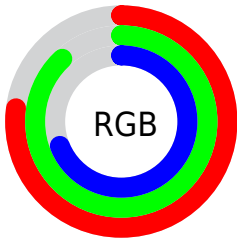
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 224, 202
Decimal	12968111
CIELab	86.14, -17.60, 21.08
CIELCh	86, 27.465, 129.853
Yxy	68.2768, 0.3255, 0.3870
Android (android.graphics.Color)	4291158191 (0xFFC5E0AF)
YUV	210.3410, -17.4231, -11.7001
Hunter-Lab	82.6298, -20.5623, 21.4546

# Details

The Hex color **C5E0AF** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **CAAFE0**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FEFFE7**, and **8FA97A** is the 20% darker color. If you saturate the color by 10%, you get **B9E099**, and if you desaturate by 10%, it is **D1E0C5**.

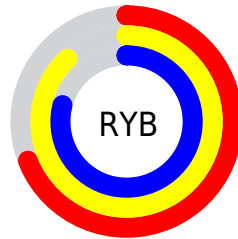
# Distribution



Red (77%)

Green (88%)

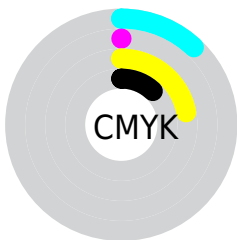
Blue (69%)



Red (69%)

Yellow (88%)

Blue (79%)

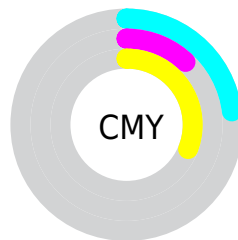


Cyan (12%)

Magenta (0%)

Yellow (22%)

Black (12%)



Cyan (23%)

Magenta (12%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5E0AF 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 C5E0AF by changing the saturation by 10% instead.



 C5E0AF

FFFFFF

 FEFFE7

 C5E0AF

 AAC494

 8FA97A

 758E61

 5C7549

 445C32

 2D441C

 172E05

 001B00

 000000

 C5E0AF

 C5E0AF

 B9E099

 D1E0C5

 ACE082

 DEE0DC

 A0E06C

 EAE0F2

 94E055

 F6E0FF

 87E03F

 FFE0FF

 7BE029

 6FE012

 65E000

# Harmonies

## Analogous

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



E2D9A4



C5E0AF



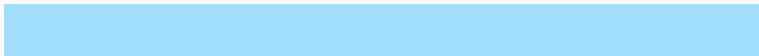
A8E5C5

# Triad

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



C5E0AF



A2DFFF



FFC5D0

# Complementary

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



C5E0AF



CAAFE0

# 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.



FFC7EA



C5E0AF



C4D7FF

# Square

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



C5E0AF



8EE4F8



E7CEFF



FFC8B7

# Rectangle

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



C5E0AF



98E6D6



E7CEFF



FFC5D9



# Sweetspot

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



C5E0AF



F5FFED



E0CAAF



7A8075



000000



808080

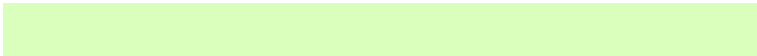


# Same Dimension

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



C5E0AF



DAFFBD



AFE0B1



6A7065



4FB000



163000



# Inverse Universe

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



CAAFE0



E1BDFE



E0AFDE



6B6570



6100B0

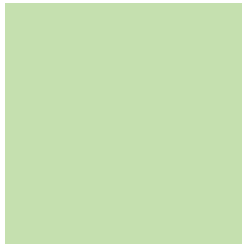


1B0030



# Previews

## White Background



This preview shows how the Hex color C5E0AF looks on a white background.

## Color Contrast Check

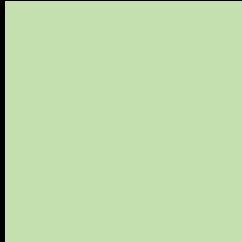
Large Text (above 18pt) WCAG AA × Fail

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 C5E0AF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

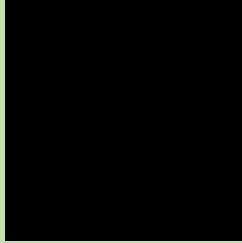
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

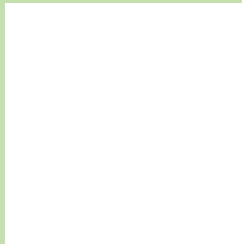
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C5E0AF Background



This preview shows how black text looks on a background with the Hex color C5E0AF.

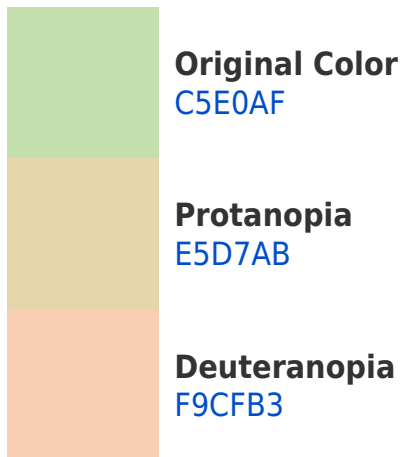


This preview shows how white text looks on a background with the Hex color C5E0AF.

# 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](#).

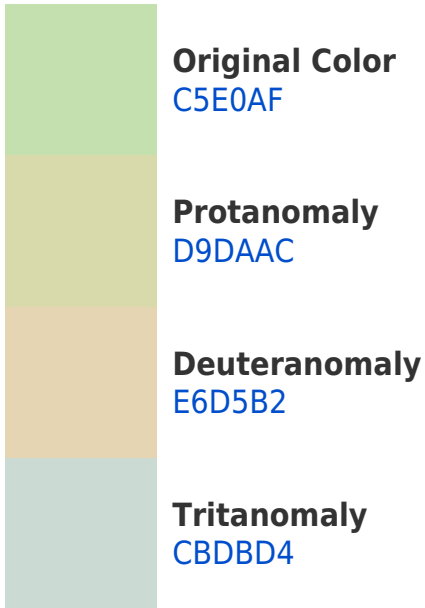
## Dichromacy



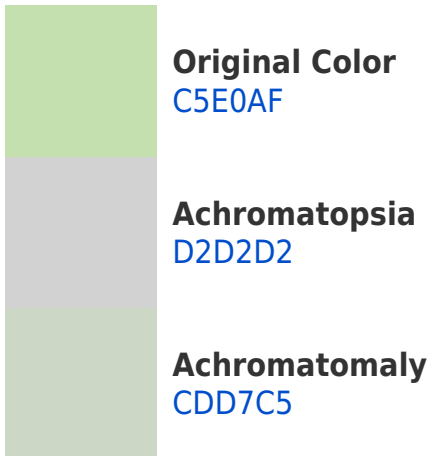


**Tritanopia**  
CED8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5E0AF 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 #C5E0AF looks like.

```
.text, #text, p{  
    color:#C5E0AF  
}
```

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 #C5E0AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5E0AF
}
```

## Border

The CSS property to change the border of an element to Hex C5E0AF 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
#C5E0AF }
```

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

```
.border{ border-color:#C5E0AF }
```

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

Here you see how a box with a 4 pixel #C5E0AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5E0AF; -webkit-box-shadow:4px 4px  
4px 4px #C5E0AF; box-shadow:4px 4px 4px  
4px #C5E0AF }
```

# Background

The CSS property to change the background color of an element to Hex C5E0AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5E0AF }
```

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

```
.background{ background-color:#C5E0AF }
```

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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