

# Converting Colors

Hex(C5E2AF)

Have a look what the booklet for  
Hex(C5E2AF) contains.

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# **Color**

**Hex(C5E2AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5E2AF
RGB	197, 226, 175
RGB Percent	77%, 89%, 69%
CMY	0.2275, 0.1137, 0.3137
CMYK	0.13, 0.00, 0.23, 0.11
HSL	94°, 47%, 79%
HSV	94°, 23%, 89%
XYZ	57.9602, 69.3582, 50.8901
YIQ	211.5150, -0.9130, -22.0090

# Conversions

## Conversions Part 2

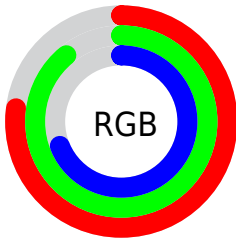
Format	Color
<a href="#">RYB</a>	<a href="#">175, 226, 204</a>
Decimal	<a href="#">12968623</a>
CIELab	<a href="#">86.68, -18.59, 21.83</a>
CIElCh	<a href="#">87, 28.670, 130.422</a>
Yxy	<a href="#">69.3582, 0.3252, 0.3892</a>
Android (android.graphics.Color)	<a href="#">4291158703 (0xFFC5E2AF)</a>
YUV	<a href="#">211.5150, -18.0019, -12.7297</a>
Hunter-Lab	<a href="#">83.2816, -21.5148, 22.0673</a>

# Details

The Hex color **C5E2AF** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **CCAFE2**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FEFFE7**, and **8FAB7A** is the 20% darker color. If you saturate the color by 10%, you get **B8E298**, and if you desaturate by 10%, it is **D2E2C6**.

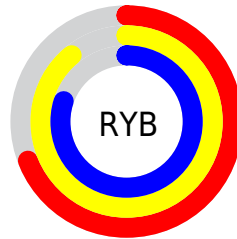
# Distribution



Red (77%)

Green (89%)

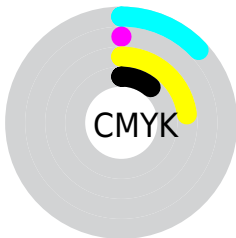
Blue (69%)



Red (69%)

Yellow (89%)

Blue (80%)

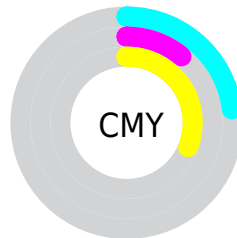


Cyan (13%)

Magenta (0%)

Yellow (23%)

Black (11%)



Cyan (23%)

Magenta (11%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5E2AF 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 C5E2AF by changing the saturation by 10% instead.



 C5E2AF

FFFFFF

 FEFFE7

 C5E2AF

 AAC694

 8FAB7A

 759061

 5C7649

 445E32

 2C461C

 162F04

 001C00

 000000

 C5E2AF

 C5E2AF

 B8E298

 D2E2C6

 ABE282

 DFE2DC

 9EE26B

 ECE2F3

 92E255

 F8E2FF

 85E23E

 FFE2FF

 78E227

 6BE211

 61E200

# Harmonies

## Analogous

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



E4DAA3



C5E2AF



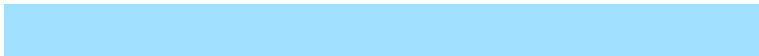
A6E7C6

# Triad

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



C5E2AF



A1E1FF



FFC5D0

# Complementary

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



C5E2AF



CCAFE2

# 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.



FFC8EC



C5E2AF



C5D8FF

# Square

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



C5E2AF



8CE6FB



E9CFFF



FFC9B7

# Rectangle

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



C5E2AF



96E8D8



E9CFFF



FFC5DA



# Sweetspot

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



C5E2AF



F5FFED



E2CCAF



7A8075



000000



808080

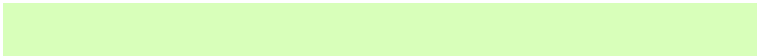


# Same Dimension

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



C5E2AF



D8FFBA



AFE2B2



6A7065



4CB000



153000



# Inverse Universe

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



CCAFE2



E1BAFF



E2AFDF



6B6570



6400B0

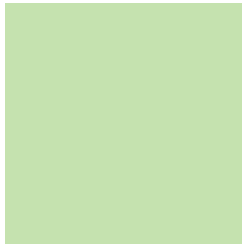


1C0030



# Previews

## White Background



This preview shows how the Hex color C5E2AF looks on a white background.

## Color Contrast Check

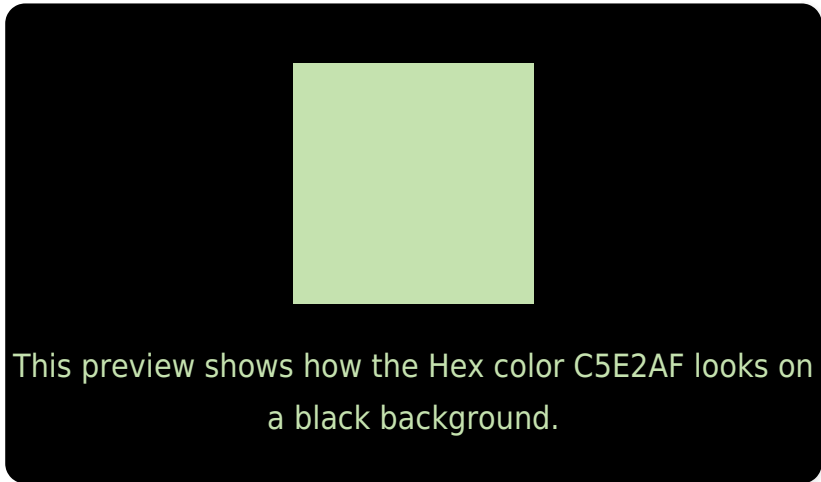
Large Text (above 18pt) WCAG AA × Fail

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

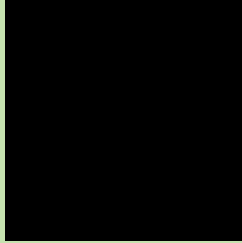
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

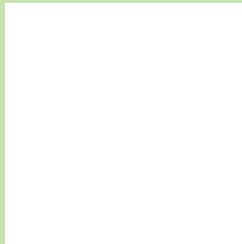
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C5E2AF Background



This preview shows how black text looks on a background with the Hex color C5E2AF.

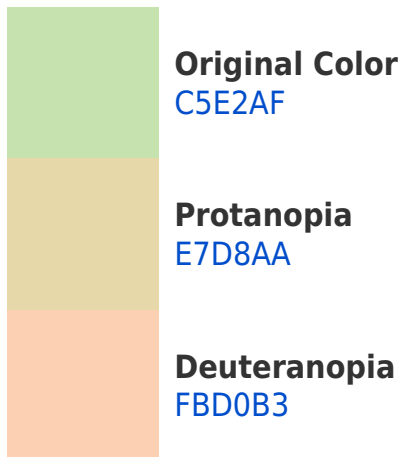


This preview shows how white text looks on a background with the Hex color C5E2AF.

# Color Blindness Simulation

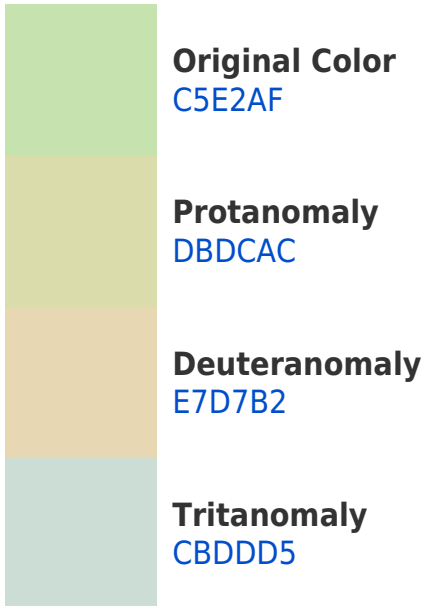
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

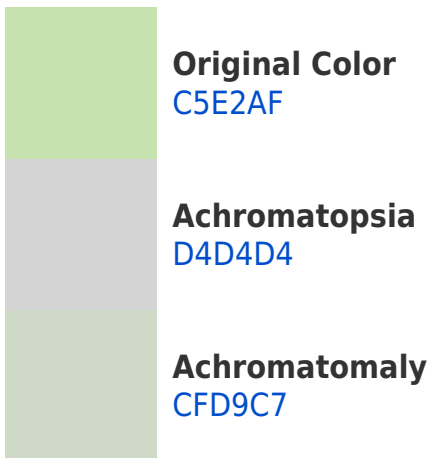




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5E2AF 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 #C5E2AF looks like.

```
.text, #text, p{  
    color:#C5E2AF  
}
```

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 #C5E2AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5E2AF }  
}
```

## Border

The CSS property to change the border of an element to Hex C5E2AF 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 #C5E2AF }  
}
```

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

```
.border{ border-color:#C5E2AF }
```

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

Here you see how a box with a 4 pixel #C5E2AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5E2AF; -webkit-box-shadow:4px 4px  
4px 4px #C5E2AF; box-shadow:4px 4px 4px  
4px #C5E2AF }
```

# Background

The CSS property to change the background color of an element to Hex C5E2AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5E2AF }
```

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

```
.background{ background-color:#C5E2AF }
```

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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