

# Converting Colors

Hex(C5E7A5)

Have a look what the booklet for  
Hex(C5E7A5) contains.

<b>Hex(C5E7A5)</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(C5E7A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5E7A5
RGB	197, 231, 165
RGB Percent	77%, 91%, 65%
CMY	0.2275, 0.0941, 0.3529
CMYK	0.15, 0.00, 0.29, 0.09
HSL	91°, 58%, 78%
HSV	91°, 29%, 91%
XYZ	58.3934, 71.7388, 46.3666
YIQ	213.3100, 0.9220, -27.7340

# Conversions

## Conversions Part 2

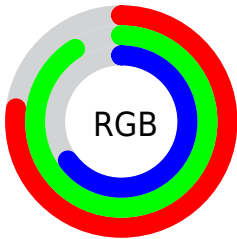
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 231, 199
Decimal	12969893
CIELab	87.84, -22.54, 28.57
CIElCh	88, 36.393, 128.274
Yxy	71.7388, 0.3308, 0.4065
Android (android.graphics.Color)	4291159973 (0xFFC5E7A5)
YUV	213.3100, -23.8168, -14.3039
Hunter-Lab	84.6987, -25.1605, 26.8320

# Details

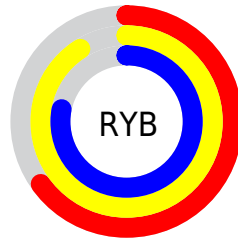
The Hex color **C5E7A5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **C7A5E7**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FEFFDC**, and **8EAF71** is the 20% darker color. If you saturate the color by 10%, you get **B9E78E**, and if you desaturate by 10%, it is **D1E7BC**.

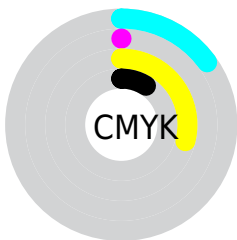
# Distribution



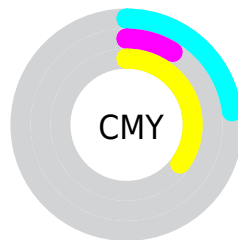
- Red (77%)
- Green (91%)
- Blue (65%)



- Red (65%)
- Yellow (91%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (29%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5E7A5 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 C5E7A5 by changing the saturation by 10% instead.



 C5E7A5

 C5E7A5

FFFFFF

 A9CB8A

 FEFFDC

 8EAF71

 FFFFF9

 749558

 5B7B40

 426228

 2A4A12

 153300

 001F00

 000000

 C5E7A5

 C5E7A5

 B9E78E

 D1E7BC

 ADE777

 DDE7D3

 A1E760

 E9E7EA

 95E749

 F5E7FF

 8AE732

 FFE7FF

 7EE71A

 72E703

 70E700

# Harmonies

## Analogous

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



EBDD97



C5E7A5



9DEDC2

# Triad

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



C5E7A5



8BE7FF



FFC2D4

# Complementary

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



C5E7A5



C7A5E7

# Split Complementary

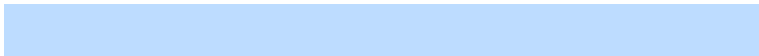
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC6F7



C5E7A5



BDDCFF

# Square

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



C5E7A5



6DEDFF



EDD0FF



FFC7B3

# Rectangle

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



C5E7A5



83EFD9



EDD0FF



FFC3E0



# Sweetspot

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



C5E7A5



F3FFE8



E7C6A5



788071



000000



808080

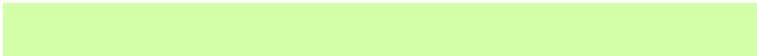


# Same Dimension

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



C5E7A5



D2FFA8



A5E7A5



6D7367



57B300



193300



# Inverse Universe

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



C7A5E7



D5A8FF



E7A5E7



6D6773



5C00B3



1A0033



# Previews

## White Background



This preview shows how the Hex color C5E7A5 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 C5E7A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

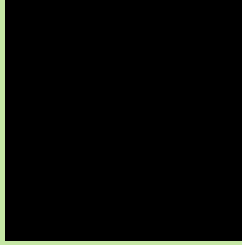
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

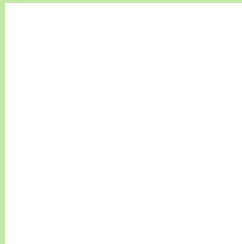
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C5E7A5 Background



This preview shows how black text looks on a background with the Hex color C5E7A5.

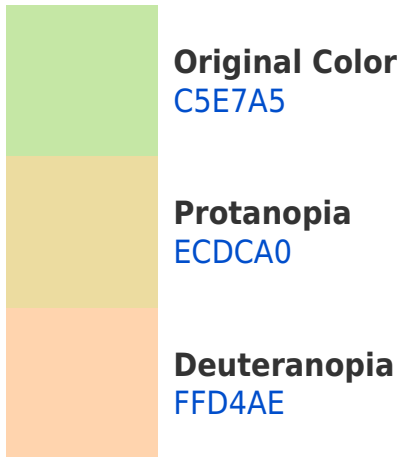


This preview shows how white text looks on a background with the Hex color C5E7A5.

# Color Blindness Simulation

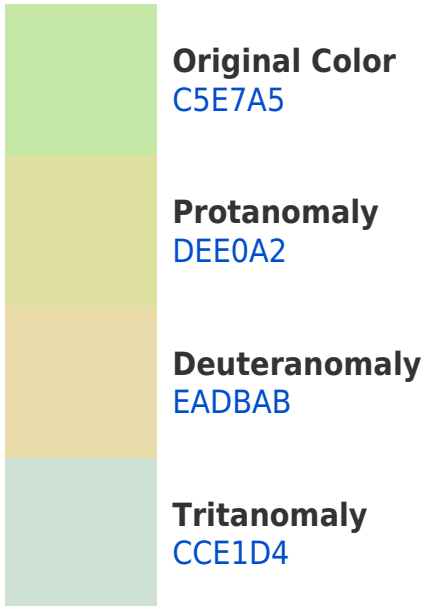
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

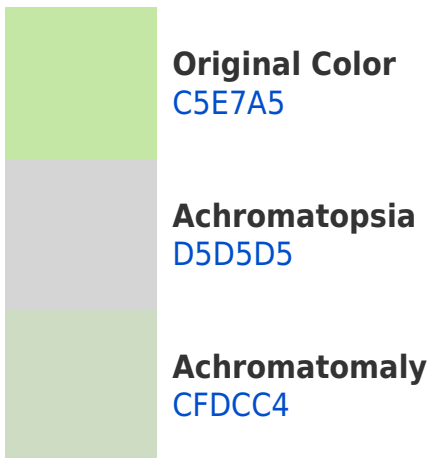




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5E7A5 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 #C5E7A5 looks like.

```
.text, #text, p{  
    color:#C5E7A5  
}
```

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 #C5E7A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5E7A5  
}
```

## Border

The CSS property to change the border of an element to Hex C5E7A5 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  
#C5E7A5 }
```

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

```
.border{ border-color:#C5E7A5 }
```

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

Here you see how a box with a 4 pixel #C5E7A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5E7A5; -webkit-box-shadow:4px 4px  
4px 4px #C5E7A5; box-shadow:4px 4px 4px  
4px #C5E7A5 }
```

# Background

The CSS property to change the background color of an element to Hex C5E7A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5E7A5 }
```

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

```
.background{ background-color:#C5E7A5 }
```

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