

Converting Colors

Hex(C5E7A0)

Have a look what the booklet for
Hex(C5E7A0) contains.

Hex(C5E7A0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C5E7A0)

Conversions

Conversions Part 1

Format	Color
Hex	C5E7A0
RGB	197, 231, 160
RGB Percent	77%, 91%, 63%
CMY	0.2275, 0.0941, 0.3725
CMYK	0.15, 0.00, 0.31, 0.09
HSL	89°, 60%, 77%
HSV	89°, 31%, 91%
XYZ	57.9470, 71.5602, 44.0161
YIQ	212.7400, 2.5270, -29.2890

Conversions

Conversions Part 2

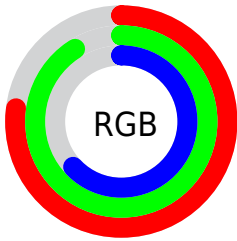
Format	Color
RYB	160, 231, 194
Decimal	12969888
CIELab	87.76, -23.26, 31.01
CIELCh	88, 38.761, 126.870
Yxy	71.5602, 0.3339, 0.4124
Android (android.graphics.Color)	4291159968 (0xFFC5E7A0)
YUV	212.7400, -26.0008, -13.8040
Hunter-Lab	84.5933, -25.7644, 28.3652

Details

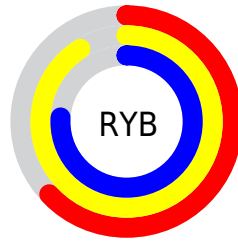
The Hex color **C5E7A0** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **C2A0E7**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FEFFD7**, and **8EAF6C** is the 20% darker color. If you saturate the color by 10%, you get **BAE789**, and if you desaturate by 10%, it is **D0E7B7**.

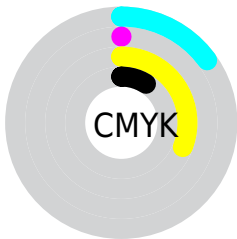
Distribution



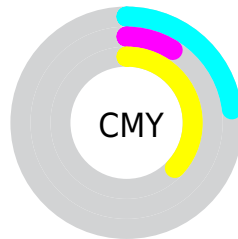
- Red (77%)
- Green (91%)
- Blue (63%)



- Red (63%)
- Yellow (91%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (31%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5E7A0 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 C5E7A0 by changing the saturation by 10% instead.

 C5E7A0

FFFFFF

 FEFFD7

 FFFFF4

 C5E7A0

 A9CB85

 8EAF6C

 749553

 5B7B3B

 426224

 2A4A0C

 143300

 001F00

 000000

 C5E7A0

 C5E7A0

 BAE789

 D0E7B7

 AFE772

 DBE7CE

 A4E75B

 E6E7E5

 99E744

 F1E7FC

 8EE72C

 FCE7FF

 83E715

 FFE7FF

 78E700

Harmonies

Analogous

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



EDDC92



C5E7A0



99EEBE

Triad

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



C5E7A0



80E8FF



FFC0D5

Complementary

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



C5E7A0



C2A0E7

Split Complementary

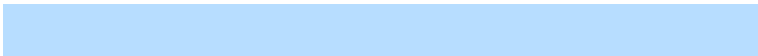
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC4FA



C5E7A0



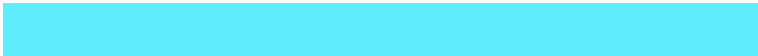
B7DDFF

Square

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



C5E7A0



60EEFF



ECCFFF



FFC5B2

Rectangle

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



C5E7A0



7DF0D7



ECCFFF



FFC1E1

Sweetspot

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



C5E7A0



F4FFE8



E7C1A0



798071



000000



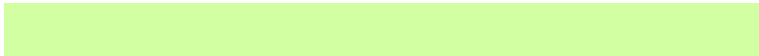
808080

Same Dimension

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



C5E7A0



D2FFA1



A2E7A0



6D7367



5DB300



1B3300

Inverse Universe

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



C2A0E7



CEA1FF



E5A0E7



6D6773



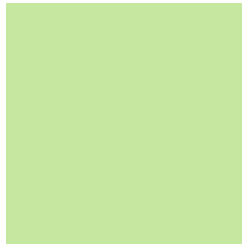
5500B3



180033

Previews

White Background



This preview shows how the Hex color C5E7A0 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 C5E7A0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

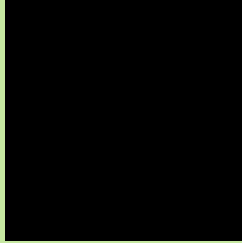
Any Text WCAG AA ✓ Pass

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 C5E7A0 Background



This preview shows how black text looks on a background with the Hex color C5E7A0.

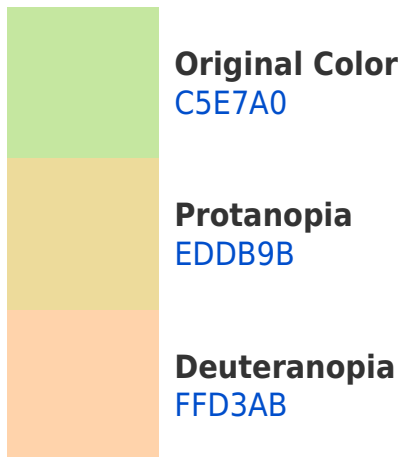


This preview shows how white text looks on a background with the Hex color C5E7A0.

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



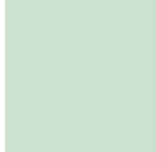
Original Color
C5E7A0



Protanomaly
DEDF9D



Deuteranomaly
EADAA7

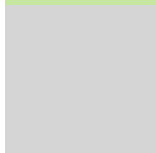


Tritanomaly
CCE1D2

Monochromacy



Original Color
C5E7A0



Achromatopsia
D5D5D5



Achromatomaly
CFDCC2

CSS Examples

Text

The CSS property to change the color of the text to Hex C5E7A0 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 #C5E7A0 looks like.

```
.text, #text, p{  
    color:#C5E7A0  
}
```

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 #C5E7A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5E7A0
}
```

Border

The CSS property to change the border of an element to Hex C5E7A0 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
#C5E7A0 }
```

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

```
.border{ border-color:#C5E7A0 }
```

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

Here you see how a box with a 4 pixel #C5E7A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5E7A0; -webkit-box-shadow:4px 4px  
4px 4px #C5E7A0; box-shadow:4px 4px 4px  
4px #C5E7A0 }
```

Background

The CSS property to change the background color of an element to Hex C5E7A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5E7A0 }
```

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

```
.background{ background-color:#C5E7A0 }
```

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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