

# Converting Colors

Hex(C6EBA4)

Have a look what the booklet for  
Hex(C6EBA4) contains.

<b>Hex(C6EBA4)</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(C6EBA4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6EBA4
RGB	198, 235, 164
RGB Percent	78%, 92%, 64%
CMY	0.2235, 0.0784, 0.3569
CMYK	0.16, 0.00, 0.30, 0.08
HSL	91°, 64%, 78%
HSV	91°, 30%, 92%
XYZ	59.6979, 74.1028, 46.2788
YIQ	215.8430, 0.7390, -29.9250

# Conversions

## Conversions Part 2

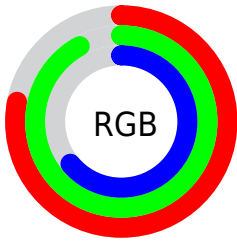
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 235, 201
Decimal	13036452
CIELab	88.97, -24.26, 30.61
CIELCh	89, 39.062, 128.403
Yxy	74.1028, 0.3315, 0.4115
Android (android.graphics.Color)	4291226532 (0xFFC6EBA4)
YUV	215.8430, -25.5586, -15.6483
Hunter-Lab	86.0830, -26.8568, 28.3833

# Details

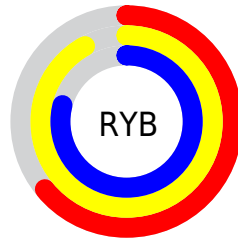
The Hex color **C6EBA4** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **C9A4EB**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFDB**, and **8FB370** is the 20% darker color. If you saturate the color by 10%, you get **BAEB8D**, and if you desaturate by 10%, it is **D2EBBC**.

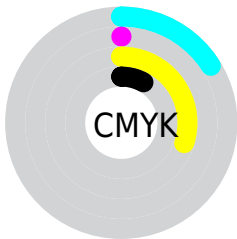
# Distribution



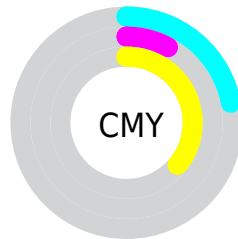
- Red (78%)
- Green (92%)
- Blue (64%)



- Red (64%)
- Yellow (92%)
- Blue (79%)



- Cyan (16%)
- Magenta (0%)
- Yellow (30%)
- Black (8%)



- Cyan (22%)
- Magenta (8%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6EBA4 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 C6EBA4 by changing the saturation by 10% instead.



 C6EBA4

FFFFFF

 FFFFDB

 FFFFF8

 C6EBA4

 AACF89

 8FB370

 759857

 5B7E3E

 436527

 2A4D10

 143600

 002100

 000000

 C6EBA4

 C6EBA4

 BAEB8D

 D2EBBC

 AEEB75

 DEEBD3

 A1EB5E

 EBEBEB

 95EB46

 F7EBFF

 89EB2F

 FFEBFF

 7DEB17

 71EB00

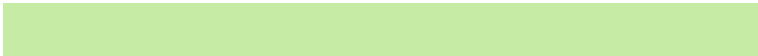
# Harmonies

## Analogous

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



EFE195



C6EBA4



9AF2C3

# Triad

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



C6EBA4



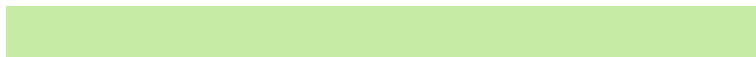
85EBFF



FFC3D6

# Complementary

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



C6EBA4



C9A4EB

# Split Complementary

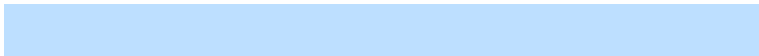
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC7FC



C6EBA4



BDDFFF

# Square

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



C6EBA4



63F2FF



F2D2FF



FFC9B3

# Rectangle

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



C6EBA4



7EF4DC



F2D2FF



FFC4E3



# Sweetspot

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



C6EBA4



F3FFE8



EBC9A4



788071



000000



808080

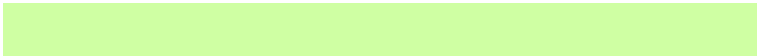


# Same Dimension

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



C6EBA4



CFFFA3



A4EBA5



6F756A



57B500



1A3600



# Inverse Universe

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



C9A4EB



D3A3FF



EBA4EA



706A75



5E00B5

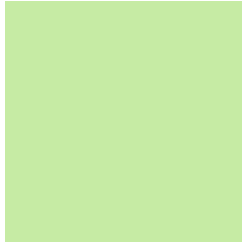


1C0036



# Previews

## White Background



This preview shows how the Hex color C6EBA4 looks on a white background.

## Color Contrast Check

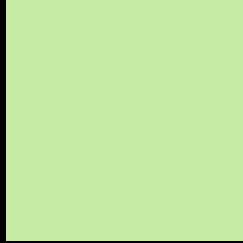
Large Text (above 18pt) WCAG AA × Fail

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 C6EBA4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

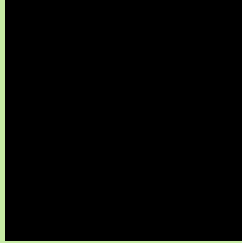
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

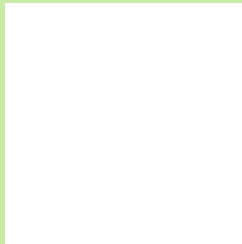
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C6EBA4 Background



This preview shows how black text looks on a background with the Hex color C6EBA4.

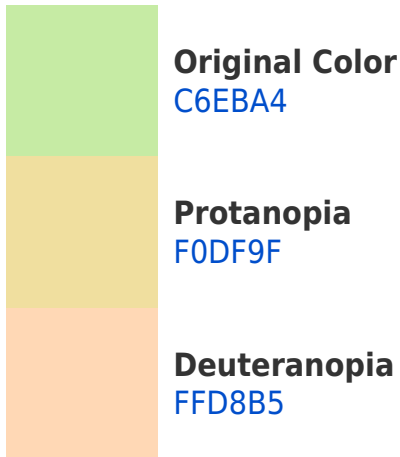


This preview shows how white text looks on a background with the Hex color C6EBA4.

# 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](#).

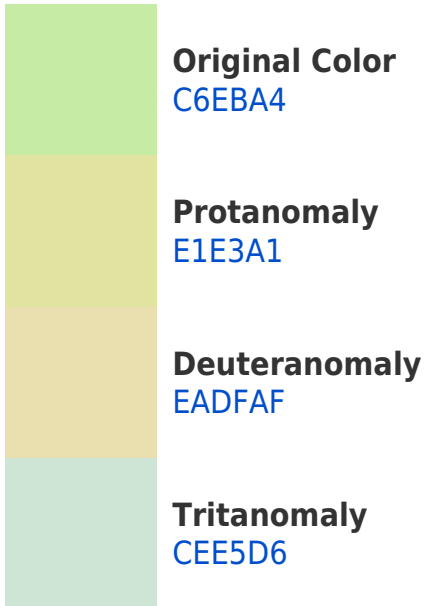
## Dichromacy



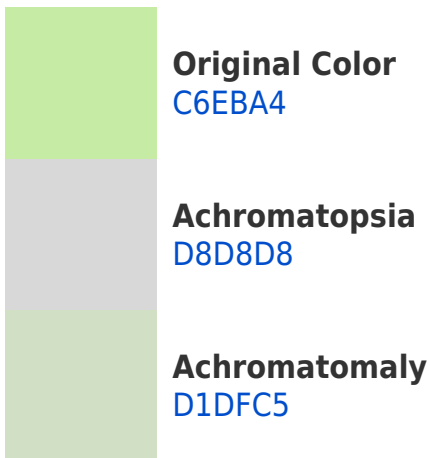


**Tritanopia**  
D2E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6EBA4 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 #C6EBA4 looks like.

```
.text, #text, p{  
    color:#C6EBA4  
}
```

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 #C6EBA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6EBA4
}
```

## Border

The CSS property to change the border of an element to Hex C6EBA4 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
#C6EBA4 }
```

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

```
.border{ border-color:#C6EBA4 }
```

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

Here you see how a box with a 4 pixel #C6EBA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6EBA4; -webkit-box-shadow:4px 4px  
4px 4px #C6EBA4; box-shadow:4px 4px 4px  
4px #C6EBA4 }
```

# Background

The CSS property to change the background color of an element to Hex C6EBA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6EBA4 }
```

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

```
.background{ background-color:#C6EBA4 }
```

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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