

# Converting Colors

Hex(C6E5BA)

Have a look what the booklet for  
Hex(C6E5BA) contains.

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# **Color**

**Hex(C6E5BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6E5BA
RGB	198, 229, 186
RGB Percent	78%, 90%, 73%
CMY	0.2235, 0.1020, 0.2706
CMYK	0.14, 0.00, 0.19, 0.10
HSL	103°, 45%, 81%
HSV	103°, 19%, 90%
XYZ	60.1709, 71.5896, 57.1012
YIQ	214.8290, -4.6730, -19.9450

# Conversions

## Conversions Part 2

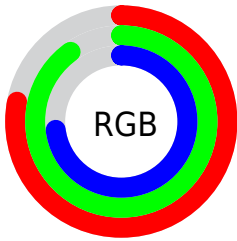
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 229, 217
Decimal	13034938
CIELab	87.77, -17.96, 17.63
CIELCh	88, 25.169, 135.534
Yxy	71.5896, 0.3186, 0.3791
Android (android.graphics.Color)	4291225018 (0xFFC6E5BA)
YUV	214.8290, -14.2127, -14.7590
Hunter-Lab	84.6106, -21.1281, 19.2144

# Details

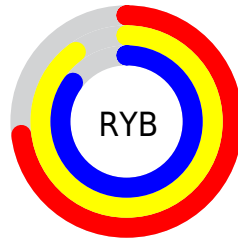
The Hex color **C6E5BA** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **D9BAE5**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF2**, and **90AD85** is the 20% darker color. If you saturate the color by 10%, you get **B5E5A3**, and if you desaturate by 10%, it is **D7E5D1**.

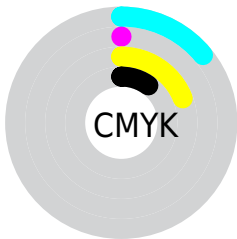
# Distribution



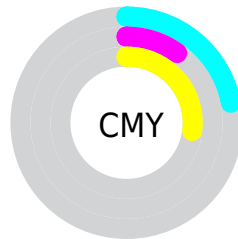
- Red (78%)
- Green (90%)
- Blue (73%)



- Red (73%)
- Yellow (90%)
- Blue (85%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)



- Cyan (22%)
- Magenta (10%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6E5BA 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 C6E5BA by changing the saturation by 10% instead.



 C6E5BA

FFFFFF

 FFFFF2

 C6E5BA

 ABC99F

 90AD85

 76936B

 5D7953

 45603C

 2E4826

 173211

 001D00

 000000

 C6E5BA

 C6E5BA

 B5E5A3

 D7E5D1

 A5E58C

 E7E5E8

 94E575

 F8E5FF

 84E55E

 FFE5FF

 73E547

 63E531

 52E51A

 42E503

 40E500

# Harmonies

## Analogous

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



E1DEAE



C6E5BA



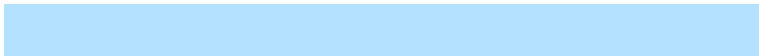
ACE9CF

# Triad

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



C6E5BA



B2E2FF



FFCB00

# Complementary

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



C6E5BA



D9BAE5

# 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.



FFCCE9



C6E5BA



D1DAFF

# Square

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



C6E5BA



9DE7FD



EFD2FE



FFCFBB

# Rectangle

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



C6E5BA



A0EAE0



EFD2FE



FFCBD8



# Sweetspot

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



C6E5BA



F4FFF0



E5D9BA



798077



000000



808080

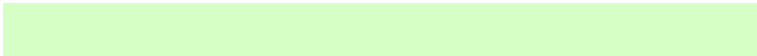


# Same Dimension

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



C6E5BA



D5FFC4



BAE5C3



6A7367



32B300



0E3300



# Inverse Universe

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



D9BAE5



EFC4FF



E5BADC



706773



8100B3

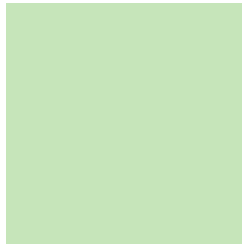


250033



# Previews

## White Background



This preview shows how the Hex color C6E5BA 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 C6E5BA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

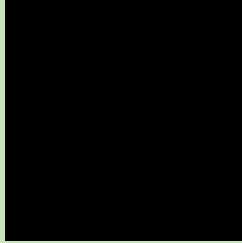
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

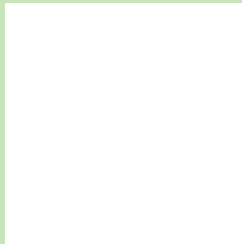
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C6E5BA Background



This preview shows how black text looks on a background with the Hex color C6E5BA.

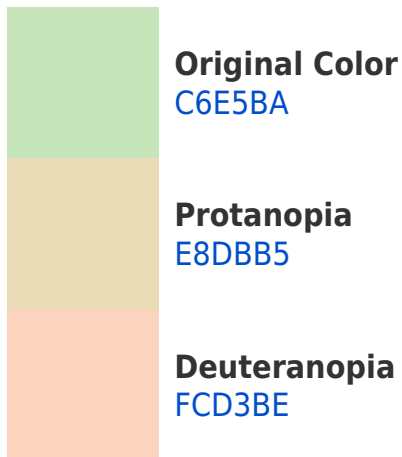


This preview shows how white text looks on a background with the Hex color C6E5BA.

# 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

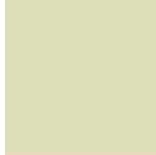




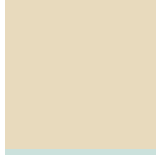
# Trichromacy



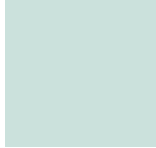
**Original Color**  
C6E5BA



**Protanomaly**  
DCDFB7



**Deuteranomaly**  
E8DABD

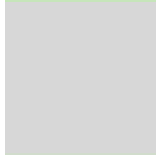


**Tritanomaly**  
CBE1DC

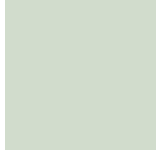
# Monochromacy



**Original Color**  
C6E5BA



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
D1DCCC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6E5BA 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 #C6E5BA looks like.

```
.text, #text, p{  
    color:#C6E5BA  
}
```

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 #C6E5BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6E5BA
}
```

## Border

The CSS property to change the border of an element to Hex C6E5BA 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
#C6E5BA }
```

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

```
.border{ border-color:#C6E5BA }
```

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

Here you see how a box with a 4 pixel #C6E5BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6E5BA; -webkit-box-shadow:4px 4px  
4px 4px #C6E5BA; box-shadow:4px 4px 4px  
4px #C6E5BA }
```

# Background

The CSS property to change the background color of an element to Hex C6E5BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6E5BA }
```

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

```
.background{ background-color:#C6E5BA }
```

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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