

# Converting Colors

Hex(C2EB81)

Have a look what the booklet for  
Hex(C2EB81) contains.

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# **Color**

**Hex(C2EB81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2EB81
RGB	194, 235, 129
RGB Percent	76%, 92%, 51%
CMY	0.2392, 0.0784, 0.4941
CMYK	0.17, 0.00, 0.45, 0.08
HSL	83°, 73%, 71%
HSV	83°, 45%, 92%
XYZ	55.9189, 72.4710, 31.8099
YIQ	210.6570, 9.5900, -41.6580

# Conversions

## Conversions Part 2

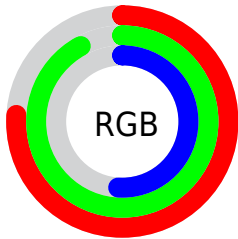
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 235, 170
Decimal	12774273
CIELab	88.19, -30.15, 46.94
CIElCh	88, 55.788, 122.715
Yxy	72.4710, 0.3491, 0.4524
Android (android.graphics.Color)	4290964353 (0xFFC2EB81)
YUV	210.6570, -40.2569, -14.6082
Hunter-Lab	85.1299, -31.7268, 37.4364

# Details

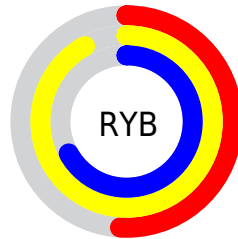
The Hex color **C2EB81** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AA81EB**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FCFFB8**, and **8AB34D** is the 20% darker color. If you saturate the color by 10%, you get **B9EB6A**, and if you desaturate by 10%, it is **CBEB99**.

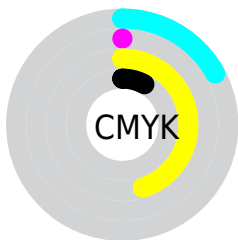
# Distribution



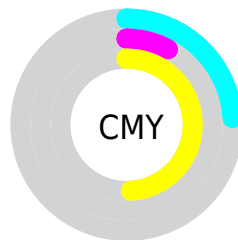
- Red (76%)
- Green (92%)
- Blue (51%)



- Red (51%)
- Yellow (92%)
- Blue (67%)



- Cyan (17%)
- Magenta (0%)
- Yellow (45%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2EB81 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 C2EB81 by changing the saturation by 10% instead.



 C2EB81

 C2EB81

FFFFFF

 A6CF67

 FCFFB8

 8AB34D

 FFFFD4

 709833

 FFFFF1

 557E18

 3B6500

 224D00

 013500

 002200

 000000

 C2EB81

 C2EB81

 B9EB6A

 CBEB99

 B0EB52

 D4EBB0

 A7EB3A

 DDEBC8

 9EEB23

 E6EBDF

 95EB0C

 EFEBF7

 90EB00

 F9EBFF

 FFE BFF

# Harmonies

## Analogous

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



F9DC71



C2EB81



7EF5AB

# Triad

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



C2EB81



00F0FF



FFB2DA

# Complementary

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



C2EB81



AA81EB

# 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.



FFBBFF



C2EB81



8FE1FF

# Square

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



C2EB81



00F7FF



E8CEFF



FFB8A7

# Rectangle

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



C2EB81



3AF8CE



E8CEFF



FFB3ED



# Sweetspot

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



C2EB81



F1FFDB



EBAA81



77806A



000000



808080

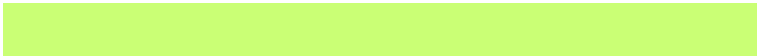


# Same Dimension

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



C2EB81



CAFF75



8DEB81



71756A



6FB500



213600



# Inverse Universe

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



AA81EB



AB75FF



DF81EB



6E6A75



4600B5

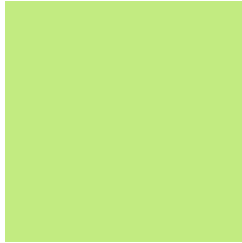


150036



# Previews

## White Background



This preview shows how the Hex color C2EB81 looks on a white background.

## Color Contrast Check

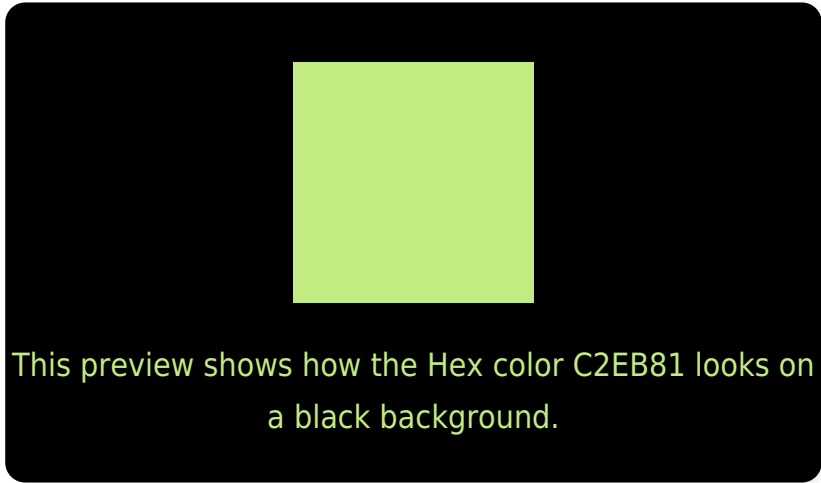
Large Text (above 18pt) WCAG AA × Fail

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 C2EB81 Background



This preview shows how black text looks on a background with the Hex color C2EB81.

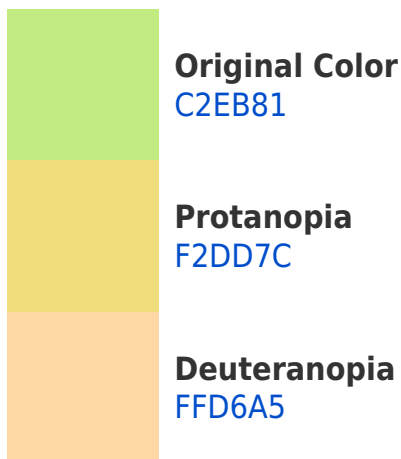


This preview shows how white text looks on a background with the Hex color C2EB81.

# 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



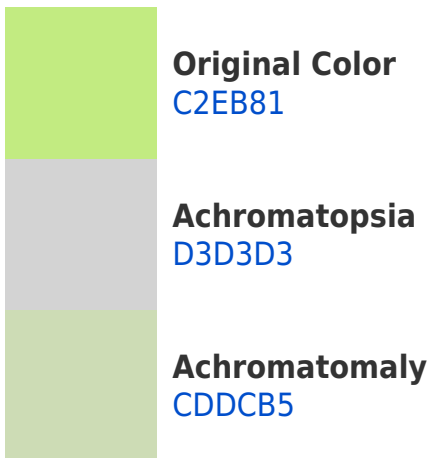


**Tritanopia**  
D1DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2EB81 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 #C2EB81 looks like.

```
.text, #text, p{  
    color:#C2EB81  
}
```

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 #C2EB81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2EB81
}
```

## Border

The CSS property to change the border of an element to Hex C2EB81 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
#C2EB81 }
```

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

```
.border{ border-color:#C2EB81 }
```

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

Here you see how a box with a 4 pixel #C2EB81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2EB81; -webkit-box-shadow:4px 4px  
4px 4px #C2EB81; box-shadow:4px 4px 4px  
4px #C2EB81 }
```

# Background

The CSS property to change the background color of an element to Hex C2EB81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2EB81 }
```

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

```
.background{ background-color:#C2EB81 }
```

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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