

Converting Colors

Hex(C1EB5C)

Have a look what the booklet for
Hex(C1EB5C) contains.

Hex(C1EB5C)	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(C1EB5C)

Conversions

Conversions Part 1

Format	Color
Hex	C1EB5C
RGB	193, 235, 92
RGB Percent	76%, 92%, 36%
CMY	0.2431, 0.0784, 0.6392
CMYK	0.18, 0.00, 0.61, 0.08
HSL	78°, 78%, 64%
HSV	78°, 61%, 92%
XYZ	53.6324, 71.5268, 21.1045
YIQ	206.1400, 20.8710, -53.3770

Conversions

Conversions Part 2

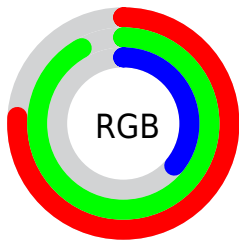
Format	Color
RYB	92, 235, 134
Decimal	12708700
CIELab	87.74, -33.98, 63.12
CIElCh	88, 71.684, 118.298
Yxy	71.5268, 0.3667, 0.4890
Android (android.graphics.Color)	4290898780 (0xFFC1EB5C)
YUV	206.1400, -56.2710, -11.5238
Hunter-Lab	84.5735, -34.8077, 44.4062

Details

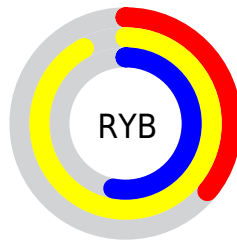
The Hex color **C1EB5C** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **865CEB**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FCFF93**, and **88B321** is the 20% darker color. If you saturate the color by 10%, you get **BAEB45**, and if you desaturate by 10%, it is **C8EB73**.

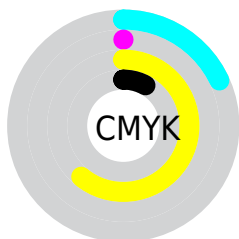
Distribution



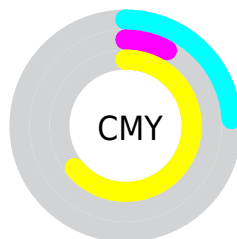
- Red (76%)
- Green (92%)
- Blue (36%)



- Red (36%)
- Yellow (92%)
- Blue (53%)



- Cyan (18%)
- Magenta (0%)
- Yellow (61%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1EB5C 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 C1EB5C by changing the saturation by 10% instead.

 C1EB5C

FFFFFF

 FCFF93

 FFFFFAF

 FFFFCC


 FFFF E9

 C1EB5C

 A4CF40

 88B321

 6C9800

 517E00

 366500

 174D00

 003500

 002200

 000000

 C1EB5C

 C1EB5C

 BAEB45

 C8EB73

 B3EB2D

 CFEB8B

 ACEB15

 D6EBA3

 A6EB00

 DDEBBA

 E4EBD2

 EAEBE9

 F1EBFF

 F8EBFF

 FFE BFF

Harmonies

Analogous

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



FFD74B



C1EB5C



64F791

Triad

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



C1EB5C



00F5FF



FF9FE3

Complementary

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



C1EB5C



865CEB

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.



FFB0FF



C1EB5C



10E5FF

Square

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



C1EB5C



00DFF



D8CCFF



FFA69F

Rectangle

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



C1EB5C



00FCBE



D8CCFF



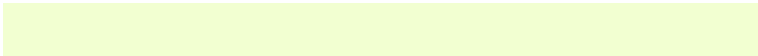
FFA2FA

Sweetspot

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



C1EB5C



F2FFD1



EB855C



778063



000000



808080

Same Dimension

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



C1EB5C



C8FF45



7BEB5C



72756A



80B500



263600

Inverse Universe

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



865CEB



7C45FF



CC5CEB



6D6A75



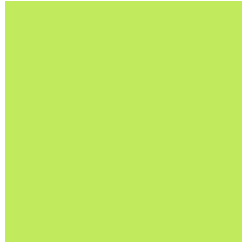
3500B5



100036

Previews

White Background



This preview shows how the Hex color C1EB5C looks on a white background.

Color Contrast Check

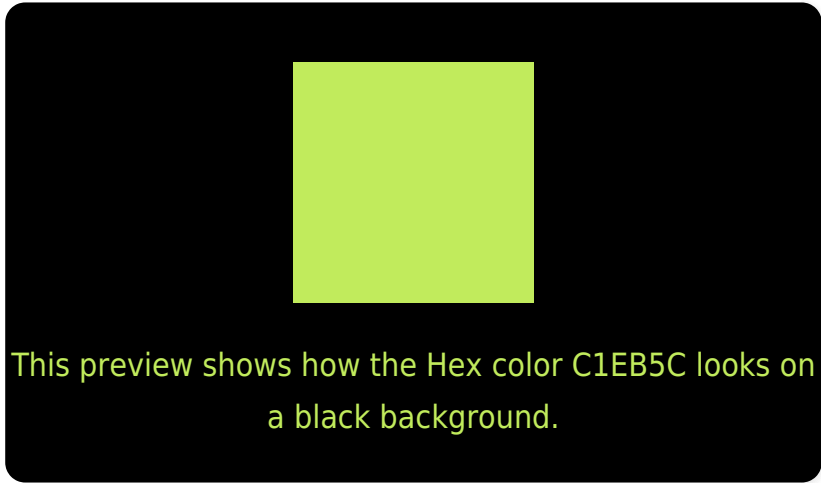
Large Text (above 18pt) WCAG AA × Fail

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 C1EB5C Background



This preview shows how black text looks on a background with the Hex color C1EB5C.

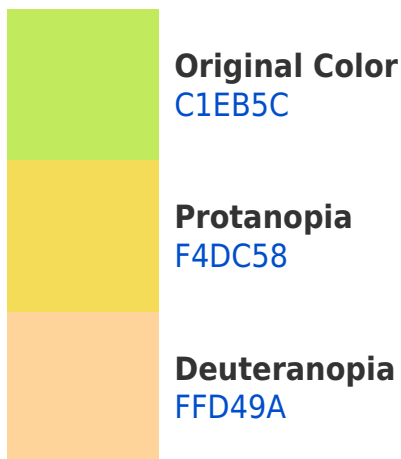


This preview shows how white text looks on a background with the Hex color C1EB5C.

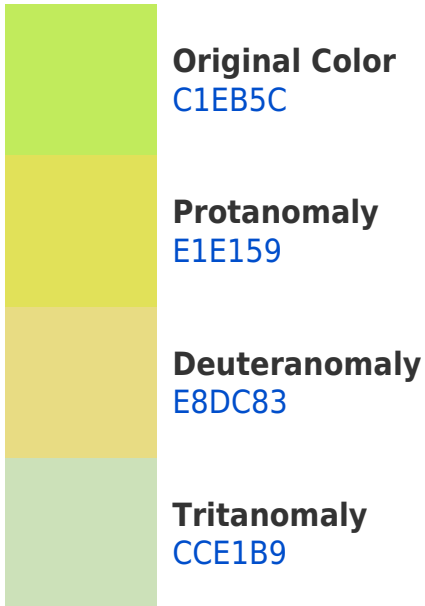
Color Blindness Simulation

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](#).

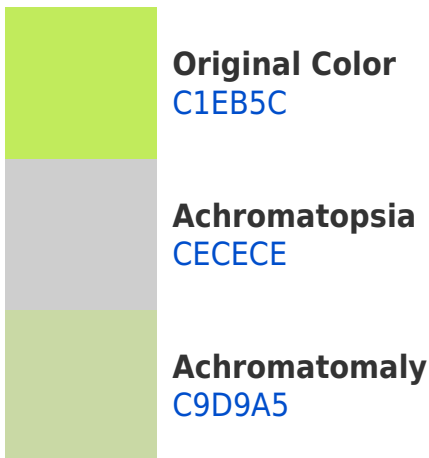
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1EB5C 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 #C1EB5C looks like.

```
.text, #text, p{  
    color:#C1EB5C  
}
```

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 #C1EB5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1EB5C
}
```

Border

The CSS property to change the border of an element to Hex C1EB5C 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
#C1EB5C }
```

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

```
.border{ border-color:#C1EB5C }
```

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

Here you see how a box with a 4 pixel #C1EB5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1EB5C; -webkit-box-shadow:4px 4px  
4px 4px #C1EB5C; box-shadow:4px 4px 4px  
4px #C1EB5C }
```

Background

The CSS property to change the background color of an element to Hex C1EB5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1EB5C }
```

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

```
.background{ background-color:#C1EB5C }
```

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