

# Converting Colors

Hex(C5EB63)

Have a look what the booklet for  
Hex(C5EB63) contains.

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**Color**

**Hex(C5EB63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5EB63
RGB	197, 235, 99
RGB Percent	77%, 92%, 39%
CMY	0.2275, 0.0784, 0.6118
CMYK	0.16, 0.00, 0.58, 0.08
HSL	77°, 77%, 65%
HSV	77°, 58%, 92%
XYZ	54.9864, 72.1878, 22.8399
YIQ	208.1340, 21.0080, -50.3520

# Conversions

## Conversions Part 2

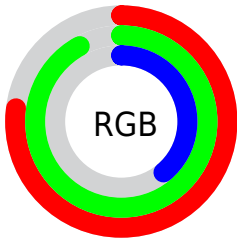
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 235, 137
Decimal	12970851
CIELab	88.06, -31.91, 60.58
CIElCh	88, 68.467, 117.777
Yxy	72.1878, 0.3665, 0.4812
Android (android.graphics.Color)	4291160931 (0xFFC5EB63)
YUV	208.1340, -53.8031, -9.7645
Hunter-Lab	84.9634, -33.1648, 43.5360

# Details

The Hex color **C5EB63** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **8963EB**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF9A**, and **8CB32B** is the 20% darker color. If you saturate the color by 10%, you get **BEEB4B**, and if you desaturate by 10%, it is **CCEB7B**.

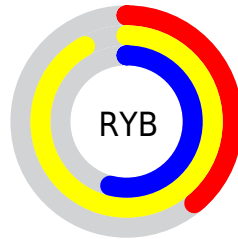
# Distribution



Red (77%)

Green (92%)

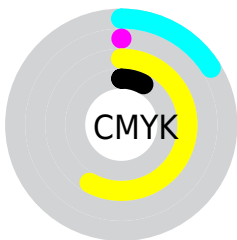
Blue (39%)



Red (39%)

Yellow (92%)

Blue (54%)

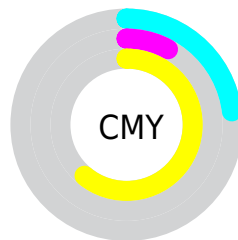


Cyan (16%)

Magenta (0%)

Yellow (58%)

Black (8%)



Cyan (23%)

Magenta (8%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5EB63 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 C5EB63 by changing the saturation by 10% instead.



 C5EB63

 C5EB63

FFFFFF

 A8CF48

 FFFF9A

 8CB32B

 FFFFB6

 719801

 FFFFD3

 557E00

 FFFFF0

 3B6500

 1E4D00

 003600

 002200

 000000

 C5EB63

 C5EB63

 BEEB4B

 CCEB7B

 B8EB34

 D2EB92

 B1EB1D

 D9EBAA

 ABEB05

 DFEB C1

 A9EB00

 E6EBD9

 ECEBF0

 F3EBFF

 FAEBFF

 FFEBFF

# Harmonies

## Analogous

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



FFD854



C5EB63



70F794

# Triad

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



C5EB63



00F5FF



FFA4E4

# Complementary

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



C5EB63



8963EB

# 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.



FFB4FF



C5EB63



39E5FF

# Square

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



C5EB63



00FCFF



D8CEFF



FFAAA4

# Rectangle

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



C5EB63



00FCBF



D8CEFF



FFA7FA

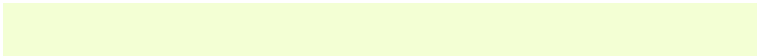


# Sweetspot

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



C5EB63



F3FFD4



EB8763



788066



000000



808080



# Same Dimension

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



C5EB63



CEFF4F



83EB63



72756A



82B500



273600



# Inverse Universe

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



8963EB



804FFF



CB63EB



6D6A75



3300B5

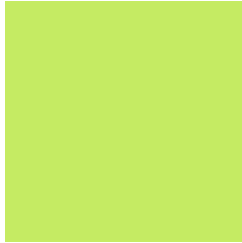


0F0036



# Previews

## White Background



This preview shows how the Hex color C5EB63 looks on a white background.

## Color Contrast Check

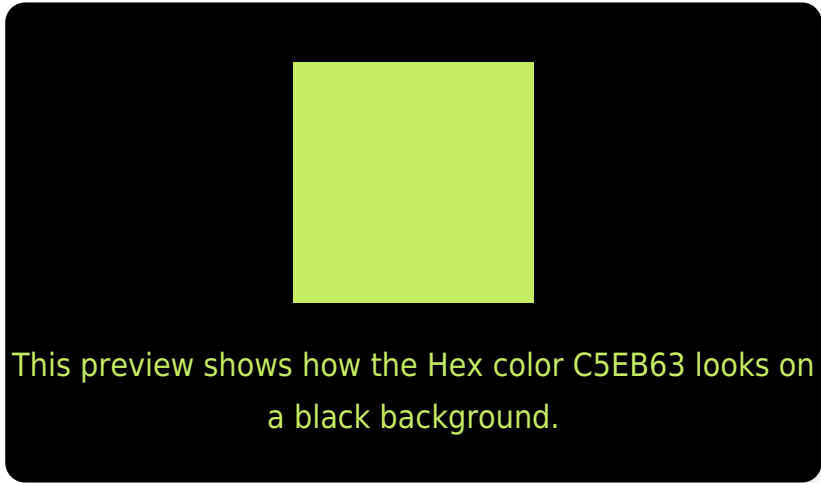
Large Text (above 18pt) WCAG AA × Fail

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 C5EB63 Background



This preview shows how black text looks on a background with the Hex color C5EB63.

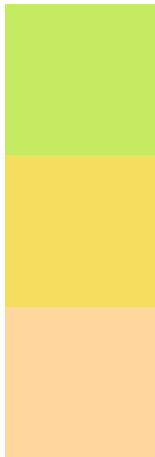


This preview shows how white text looks on a background with the Hex color C5EB63.

# 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



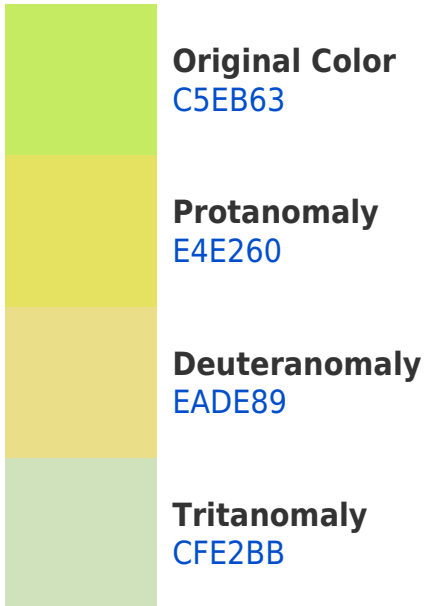
**Original Color**  
C5EB63

**Protanopia**  
F5DD5F

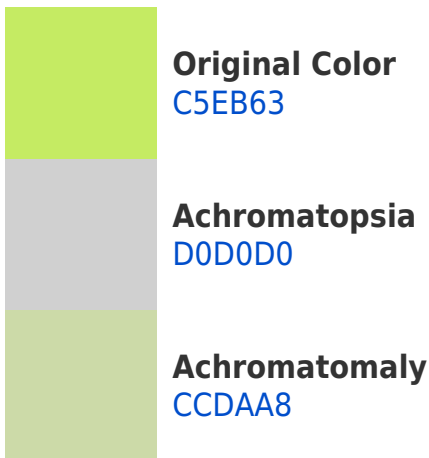
**Deuteranopia**  
FFD69E



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5EB63 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 #C5EB63 looks like.

```
.text, #text, p{  
    color:#C5EB63  
}
```

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 #C5EB63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5EB63
}
```

## Border

The CSS property to change the border of an element to Hex C5EB63 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
#C5EB63 }
```

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

```
.border{ border-color:#C5EB63 }
```

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

Here you see how a box with a 4 pixel #C5EB63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5EB63; -webkit-box-shadow:4px 4px  
4px 4px #C5EB63; box-shadow:4px 4px 4px  
4px #C5EB63 }
```

# Background

The CSS property to change the background color of an element to Hex C5EB63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5EB63 }
```

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

```
.background{ background-color:#C5EB63 }
```

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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