

# Converting Colors

Hex(85CB4E)

Have a look what the booklet for  
Hex(85CB4E) contains.

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**Color**

**Hex(85CB4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85CB4E
RGB	133, 203, 78
RGB Percent	52%, 80%, 31%
CMY	0.4784, 0.2039, 0.6941
CMYK	0.34, 0.00, 0.62, 0.20
HSL	94°, 55%, 55%
HSV	94°, 62%, 80%
XYZ	32.4039, 48.2485, 14.8127
YIQ	167.8200, -1.5950, -53.7150

# Conversions

## Conversions Part 2

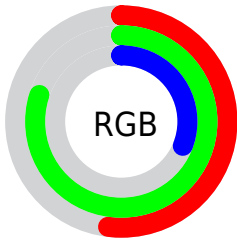
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 203, 148
Decimal	8768334
CIELab	74.98, -42.87, 54.00
CIELCh	75, 68.949, 128.443
Yxy	48.2485, 0.3394, 0.5054
Android (android.graphics.Color)	4286958414 (0xFF85CB4E)
YUV	167.8200, -44.2813, -30.5371
Hunter-Lab	69.4611, -38.2859, 35.9791

# Details

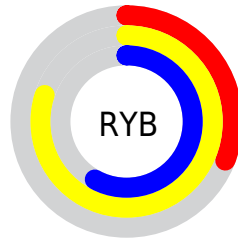
The Hex color **85CB4E** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **944ECB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BEFF84**, and **4D9414** is the 20% darker color. If you saturate the color by 10%, you get **7ACB3A**, and if you desaturate by 10%, it is **90CB62**.

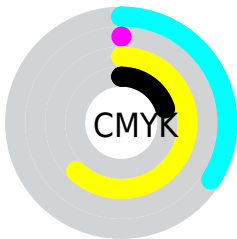
# Distribution



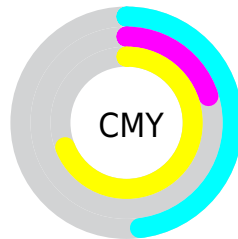
- Red (52%)
- Green (80%)
- Blue (31%)



- Red (31%)
- Yellow (80%)
- Blue (58%)



- Cyan (34%)
- Magenta (0%)
- Yellow (62%)
- Black (20%)



- Cyan (48%)
- Magenta (20%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85CB4E 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 85CB4E by changing the saturation by 10% instead.



 85CB4E

 85CB4E

FFFFFF

 69AF33

 BEFF84

 4D9414

 DBFF9F

 307A00

 F8FFBB

 0C6100

 FFFFD7

 004800

 FFFFF4

 003100

 001A00

 000000

 85CB4E

 85CB4E

 7ACB3A

 90CB62

 6ECB25

 9CCB77

 63CB11

 A7CB8B

 59CB00

 B2CB9F

 BECBB4

 C9CBC8

 D5CBDC

 E0CBF0

 EBCBFF

# Harmonies

## Analogous

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



C9BB2C



85CB4E



00D487

# Triad

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



85CB4E



00CCFF



FF7DA9

# Complementary

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



85CB4E



944ECB

# 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.



FF86E9



85CB4E



54BAFF

# Square

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



85CB4E



00D5FF



D3A0FF



FF8B6D

# Rectangle

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



85CB4E



00D7B3



D3A0FF



FF7DBF

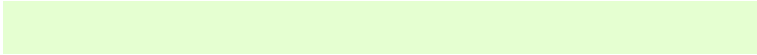


# Sweetspot

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



85CB4E



E5FFD1



CB934E



708063



000000



808080



# Same Dimension

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



85CB4E



95FF42



4ECB54



60665C



49A600



112600



# Inverse Universe

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



944ECB



AC42FF



CB4EC5



625C66



5D00A6



150026



# Previews

## White Background



This preview shows how the Hex color 85CB4E looks on a white background.

## Color Contrast Check

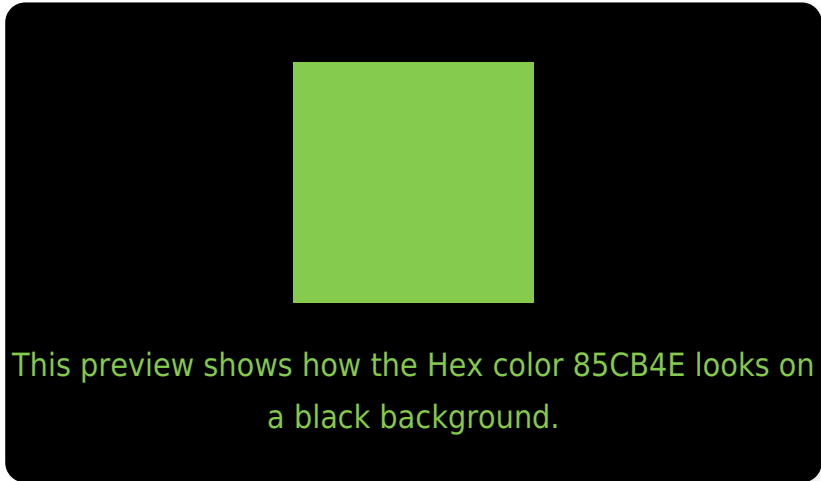
Large Text (above 18pt) WCAG AA × Fail

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 85CB4E Background



This preview shows how black text looks on a background with the Hex color 85CB4E.

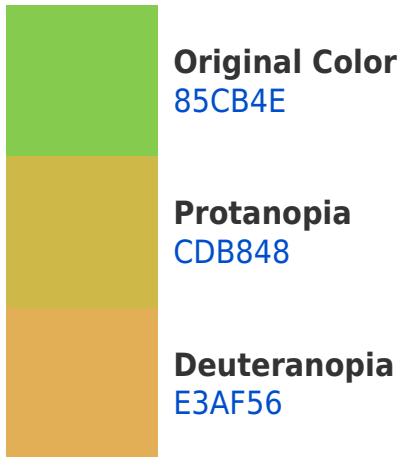


This preview shows how white text looks on a background with the Hex color 85CB4E.

# 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](#).

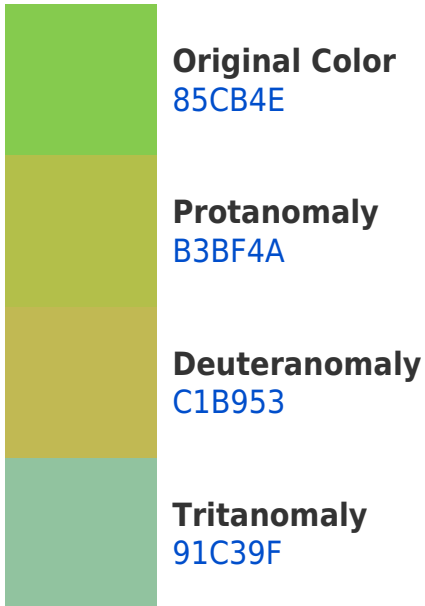
## Dichromacy





**Tritanopia**  
98BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85CB4E 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 #85CB4E looks like.

```
.text, #text, p{  
    color:#85CB4E  
}
```

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 #85CB4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85CB4E
}
```

## Border

The CSS property to change the border of an element to Hex 85CB4E 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
#85CB4E }
```

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

```
.border{ border-color:#85CB4E }
```

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

Here you see how a box with a 4 pixel #85CB4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85CB4E; -webkit-box-shadow:4px 4px  
4px 4px #85CB4E; box-shadow:4px 4px 4px  
4px #85CB4E }
```

# Background

The CSS property to change the background color of an element to Hex 85CB4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85CB4E }
```

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

```
.background{ background-color:#85CB4E }
```

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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