

Converting Colors

Hex(85E854)

Have a look what the booklet for
Hex(85E854) contains.

Hex(85E854)	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(85E854)

Conversions

Conversions Part 1

Format	Color
Hex	85E854
RGB	133, 232, 84
RGB Percent	52%, 91%, 33%
CMY	0.4784, 0.0902, 0.6706
CMYK	0.43, 0.00, 0.64, 0.09
HSL	100°, 76%, 62%
HSV	100°, 64%, 91%
XYZ	40.1297, 63.3399, 18.4983
YIQ	185.5270, -11.4960, -67.0160

Conversions

Conversions Part 2

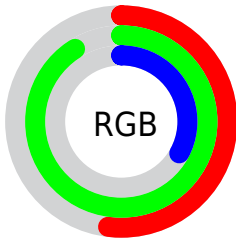
Format	Color
RYB	84, 232, 183
Decimal	8775764
CIELab	83.62, -54.30, 60.99
CIELCh	84, 81.661, 131.679
Yxy	63.3399, 0.3290, 0.5193
Android (android.graphics.Color)	4286965844 (0xFF85E854)
YUV	185.5270, -50.0528, -46.0662
Hunter-Lab	79.5863, -49.2713, 41.9297

Details

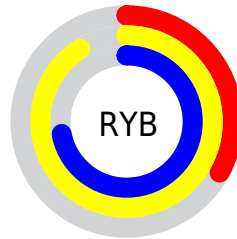
The Hex color **85E854** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **B754E8**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **C0FF8B**, and **49B016** is the 20% darker color. If you saturate the color by 10%, you get **75E83D**, and if you desaturate by 10%, it is **95E86B**.

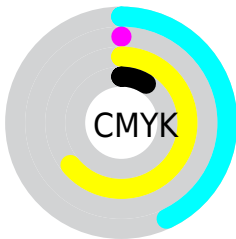
Distribution



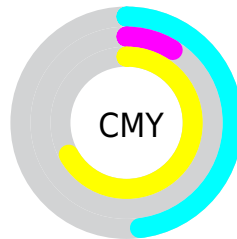
- Red (52%)
- Green (91%)
- Blue (33%)



- Red (33%)
- Yellow (91%)
- Blue (72%)



- Cyan (43%)
- Magenta (0%)
- Yellow (64%)
- Black (9%)



- Cyan (48%)
- Magenta (9%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85E854 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 85E854 by changing the saturation by 10% instead.

 85E854

 85E854

FFFFFF

 68CB38

 C0FF8B

 49B016

 DDFFA7

 269400

 FCFC4

 007A00

 FFFF00

 006000

FFFFFFE

 004700

 003100

 001500

 000000

 85E854

 85E854

 75E83D

 95E86B

 66E826

 A4E882

 56E80E

 B4E89A

 4DE800

 C3E8B1

 D3E8C8

 E2E8DF

 F2E8F6

 FFE8FF

Harmonies

Analogous

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



DBD61C



85E854



00F29D

Triad

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



85E854



00E6FF



FF85B5

Complementary

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



85E854



B754E8

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.



FF8EFF



85E854



65CFFF

Square

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



85E854



00F2FF



FAAEFF



FF9B6D

Rectangle

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



85E854



00F4D3



FAAEFF



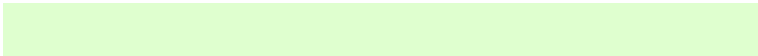
FF84CF

Sweetspot

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



85E854



DFFFCF



E8B754



6C8062



000000



808080

Same Dimension

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



85E854



7CFF3B



54E86D



6B7367



3BB300



113300

Inverse Universe

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



B754E8



BE3BFF



E854CF



6F6773



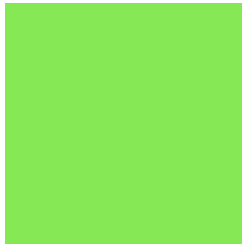
7700B3



220033

Previews

White Background



This preview shows how the Hex color 85E854 looks on a white background.

Color Contrast Check

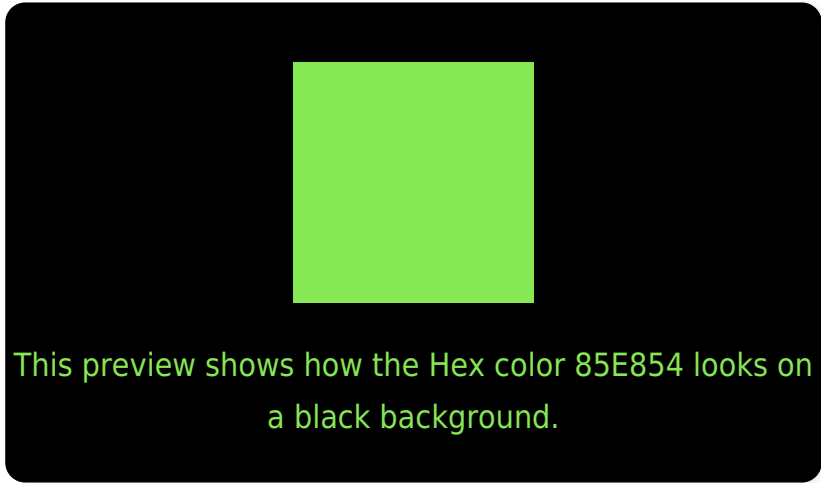
Large Text (above 18pt) WCAG AA × Fail

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 85E854 Background



This preview shows how black text looks on a background with the Hex color 85E854.

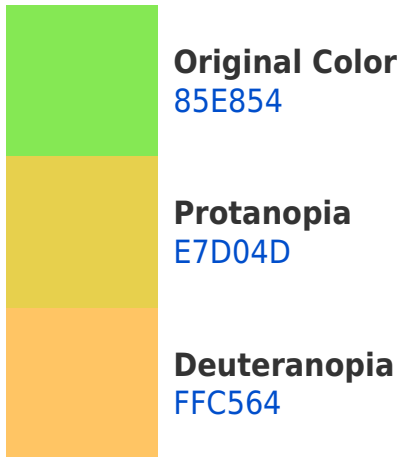


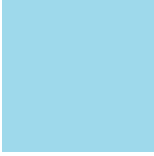
This preview shows how white text looks on a background with the Hex color 85E854.

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
9ED9EB

Trichromacy



Original Color
85E854



Protanomaly
C3D950



Deuteranomaly
D3D25E



Tritanomaly
95DEB4

Monochromacy



Original Color
85E854



Achromatopsia
BABABA



Achromatomaly
A7CB95

CSS Examples

Text

The CSS property to change the color of the text to Hex 85E854 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 #85E854 looks like.

```
.text, #text, p{  
    color:#85E854  
}
```

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 #85E854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85E854
}
```

Border

The CSS property to change the border of an element to Hex 85E854 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
#85E854 }
```

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

```
.border{ border-color:#85E854 }
```

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

Here you see how a box with a 4 pixel #85E854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85E854; -webkit-box-shadow:4px 4px  
4px 4px #85E854; box-shadow:4px 4px 4px  
4px #85E854 }
```

Background

The CSS property to change the background color of an element to Hex 85E854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85E854 }
```

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

```
.background{ background-color:#85E854 }
```

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