

Converting Colors

Hex(85C834)

Have a look what the booklet for
Hex(85C834) contains.

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Color

Hex(85C834)

Conversions

Conversions Part 1

Format	Color
Hex	85C834
RGB	133, 200, 52
RGB Percent	52%, 78%, 20%
CMY	0.4784, 0.2157, 0.7961
CMYK	0.33, 0.00, 0.74, 0.22
HSL	87°, 59%, 49%
HSV	87°, 74%, 78%
XYZ	30.9470, 46.5430, 10.6014
YIQ	163.0950, 7.5760, -60.2320

Conversions

Conversions Part 2

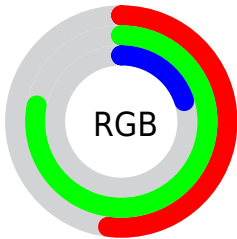
Format	Color
RYB	52, 200, 119
Decimal	8767540
CIELab	73.90, -43.51, 62.98
CIELCh	74, 76.551, 124.635
Yxy	46.5430, 0.3513, 0.5283
Android (android.graphics.Color)	4286957620 (0xFF85C834)
YUV	163.0950, -54.7698, -26.3933
Hunter-Lab	68.2225, -38.4184, 38.5423

Details

The Hex color **85C834** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **7734C8**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BEFF6C**, and **4C9100** is the 20% darker color. If you saturate the color by 10%, you get **7CC820**, and if you desaturate by 10%, it is **8EC848**.

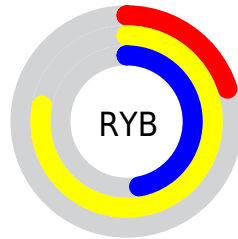
Distribution



Red (52%)

Green (78%)

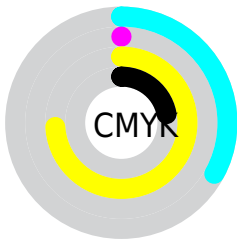
Blue (20%)



Red (20%)

Yellow (78%)

Blue (47%)

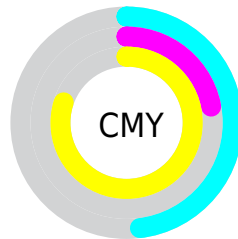


Cyan (33%)

Magenta (0%)

Yellow (74%)

Black (22%)



Cyan (48%)

Magenta (22%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85C834 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 85C834 by changing the saturation by 10% instead.



85C834



85C834

FFFFFF



69AC10



BEFF6C



4C9100



DCFF88



2E7700



F9FFA4



075E00



FFFFC1



004600



FFFFDD



002F00



FFFFFB



001600



000000



85C834



85C834

 7CC820

 8EC848

 73C80C

 97C85C

 6DC800

 A0C870

 A9C884

 B2C898

 BBC8AC

 C4C8C0

 CDC8D4

 D6C8E8

Harmonies

Analogous

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



CEB600



85C834



00D276

Triad

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



85C834



00CFFF



FF6EAE

Complementary

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



85C834



7734C8

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.



FF7EF3



85C834



00BAFF

Square

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



85C834



00D5FF



C49EFF



FF7E6A

Rectangle

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



85C834



00D6A6



C49EFF



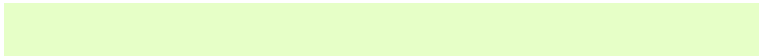
FF70C5

Sweetspot

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



85C834



E6FFC7



C87734



70805E



000000



808080

Same Dimension

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



85C834



98FF1C



3BC834



5F635A



59A300



142400

Inverse Universe

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



7734C8



831CFF



C134C8



5E5A63



4A00A3



100024

Previews

White Background



This preview shows how the Hex color 85C834 looks on a white background.

Color Contrast Check

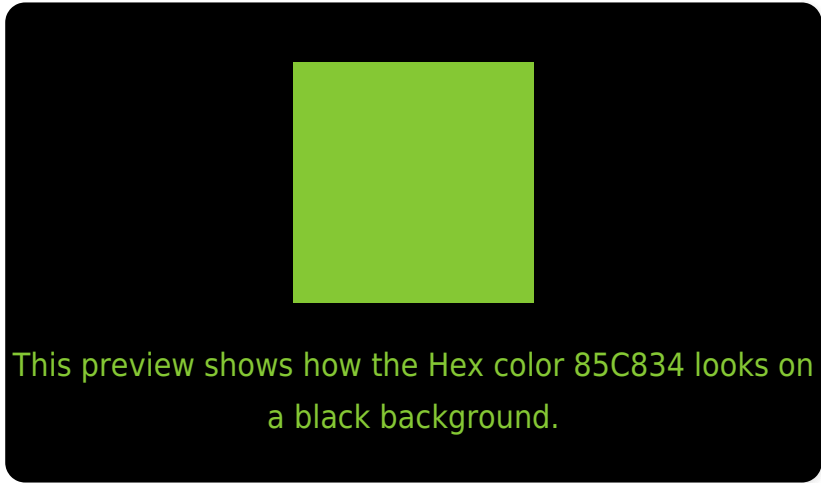
Large Text (above 18pt) WCAG AA × Fail

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 85C834 Background



This preview shows how black text looks on a background with the Hex color 85C834.

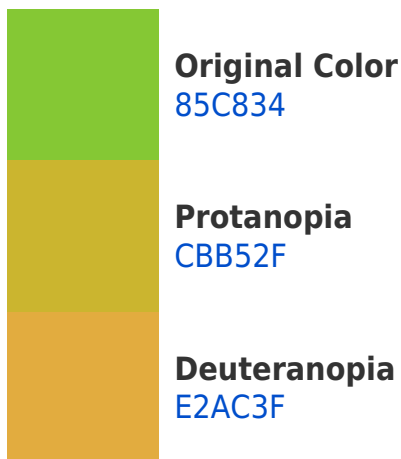


This preview shows how white text looks on a background with the Hex color 85C834.

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
98BBC9

Trichromacy



Original Color
85C834



Protanomaly
B2BC31



Deuteranomaly
C0B63B



Tritanomaly
91C093

Monochromacy



Original Color
85C834



Achromatopsia
A3A3A3



Achromatomaly
98B07B

CSS Examples

Text

The CSS property to change the color of the text to Hex 85C834 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 #85C834 looks like.

```
.text, #text, p{  
    color:#85C834  
}
```

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 #85C834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C834
}
```

Border

The CSS property to change the border of an element to Hex 85C834 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
#85C834 }
```

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

```
.border{ border-color:#85C834 }
```

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

Here you see how a box with a 4 pixel #85C834 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C834; -webkit-box-shadow:4px 4px  
4px 4px #85C834; box-shadow:4px 4px 4px  
4px #85C834 }
```

Background

The CSS property to change the background color of an element to Hex 85C834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C834 }
```

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

```
.background{ background-color:#85C834 }
```

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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