

Converting Colors

Hex(85B833)

Have a look what the booklet for
Hex(85B833) contains.

Hex(85B833)	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(85B833)

Conversions

Conversions Part 1

Format	Color
Hex	85B833
RGB	133, 184, 51
RGB Percent	52%, 72%, 20%
CMY	0.4784, 0.2784, 0.8000
CMYK	0.28, 0.00, 0.72, 0.28
HSL	83°, 57%, 46%
HSV	83°, 72%, 72%
XYZ	27.4109, 39.5065, 9.3128
YIQ	153.5890, 12.2970, -52.1750

Conversions

Conversions Part 2

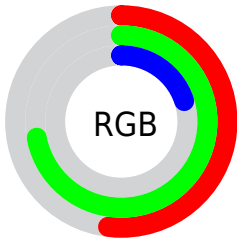
Format	Color
RYB	51, 184, 102
Decimal	8763443
CIELab	69.12, -36.54, 58.63
CIELCh	69, 69.087, 121.930
Yxy	39.5065, 0.3596, 0.5183
Android (android.graphics.Color)	4286953523 (0xFF85B833)
YUV	153.5890, -50.5764, -18.0566
Hunter-Lab	62.8542, -32.1506, 35.2133

Details

The Hex color **85B833** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **6633B8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BEF06A**, and **4E8300** is the 20% darker color. If you saturate the color by 10%, you get **7EB821**, and if you desaturate by 10%, it is **8CB845**.

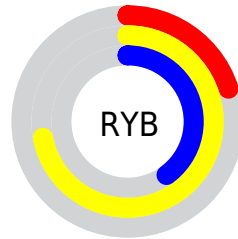
Distribution



Red (52%)

Green (72%)

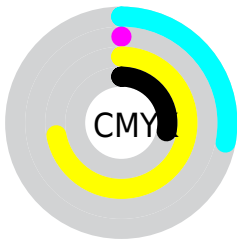
Blue (20%)



Red (20%)

Yellow (72%)

Blue (40%)

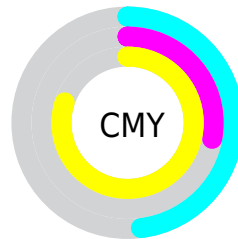


Cyan (28%)

Magenta (0%)

Yellow (72%)

Black (28%)



Cyan (48%)

Magenta (28%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85B833 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 85B833 by changing the saturation by 10% instead.

 85B833

 85B833

FFFFFF

 699D12

 BEF06A

 4E8300

 DBFF85

 326900

 F8FFA1

 135100

 FFFFBD

 003900

 FFFFDA

 002500

 FFFFF7

 000000

 85B833

 85B833

 7EB821

 8CB845

 77B80E

 93B858

 71B800

 9AB86A

 A1B87D

 A8B88F

 AFB8A1

 B6B8B4

 BDB8C6

 C5B8D9

Harmonies

Analogous

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



C4A715



85B833



00C26B

Triad

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



85B833



00BEFF



FF6BA7

Complementary

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



85B833



6633B8

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.



F77BE5



85B833



00AFFF

Square

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



85B833



00C5E9



AE96FF



FF766A

Rectangle

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



85B833



00C595



AE96FF



FF6EBC

Sweetspot

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



85B833



DBF0BB



B86633



6C7859



F7F7F7



787878

Same Dimension

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



85B833



A0F01F



43B833



585C53



609C00



111C00

Inverse Universe

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



6633B8



6F1FF0



A833B8



56535C



3C009C



0B001C

Previews

White Background



This preview shows how the Hex color 85B833 looks on a white background.

Color Contrast Check

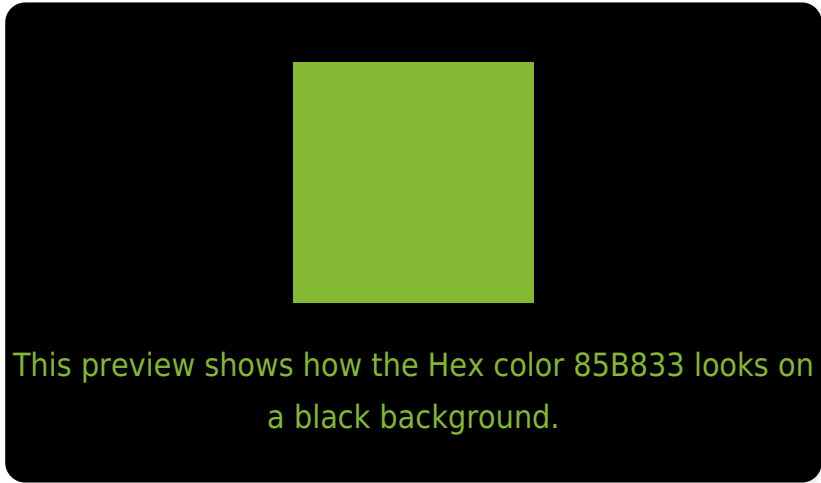
Large Text (above 18pt) WCAG AA × Fail

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 85B833 Background



This preview shows how black text looks on a background with the Hex color 85B833.



This preview shows how white text looks on a background with the Hex color 85B833.

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](#).

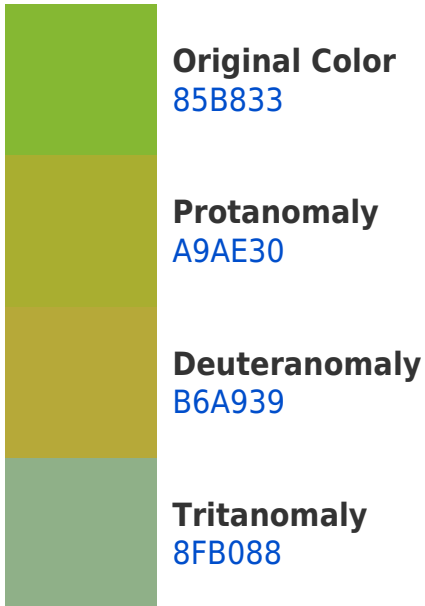
Dichromacy





Tritanopia
95ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85B833 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 #85B833 looks like.

```
.text, #text, p{  
    color:#85B833  
}
```

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 #85B833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B833
}
```

Border

The CSS property to change the border of an element to Hex 85B833 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
#85B833 }
```

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

```
.border{ border-color:#85B833 }
```

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

Here you see how a box with a 4 pixel #85B833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B833; -webkit-box-shadow:4px 4px  
4px 4px #85B833; box-shadow:4px 4px 4px  
4px #85B833 }
```

Background

The CSS property to change the background color of an element to Hex 85B833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B833 }
```

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

```
.background{ background-color:#85B833 }
```

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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