

Converting Colors

Hex(85DB3C)

Have a look what the booklet for
Hex(85DB3C) contains.

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Color

Hex(85DB3C)

Conversions

Conversions Part 1

Format	Color
Hex	85DB3C
RGB	133, 219, 60
RGB Percent	52%, 86%, 24%
CMY	0.4784, 0.1412, 0.7647
CMYK	0.39, 0.00, 0.73, 0.14
HSL	92°, 69%, 55%
HSV	92°, 73%, 86%
XYZ	35.8200, 55.9758, 13.1915
YIQ	175.1600, -0.2170, -67.6810

Conversions

Conversions Part 2

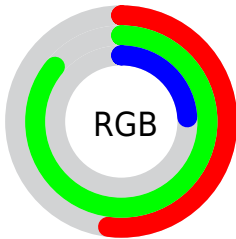
Format	Color
RYB	60, 219, 146
Decimal	8772412
CIELab	79.60, -50.91, 65.86
CIELCh	80, 83.246, 127.702
Yxy	55.9758, 0.3412, 0.5332
Android (android.graphics.Color)	4286962492 (0xFF85DB3C)
YUV	175.1600, -56.7739, -36.9743
Hunter-Lab	74.8170, -45.4696, 41.9181

Details

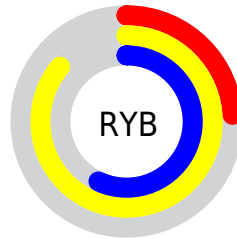
The Hex color **85DB3C** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **923CDB**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BFFF75**, and **4AA300** is the 20% darker color. If you saturate the color by 10%, you get **79DB26**, and if you desaturate by 10%, it is **91DB52**.

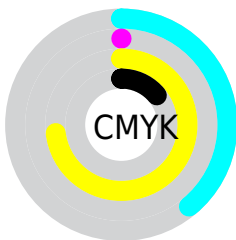
Distribution



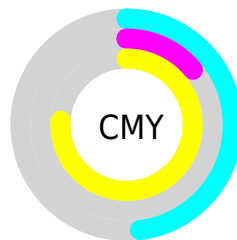
- Red (52%)
- Green (86%)
- Blue (24%)



- Red (24%)
- Yellow (86%)
- Blue (57%)



- Cyan (39%)
- Magenta (0%)
- Yellow (73%)
- Black (14%)



- Cyan (48%)
- Magenta (14%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85DB3C 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 85DB3C by changing the saturation by 10% instead.

 85DB3C

 85DB3C

FFFFFF

 68BF1A

 BFFF75

 4AA300

 DDF91

 298800

 FBFFAD

 006E00

 FFFFCA

 005500

 FFFF7E

 003D00


 002700

 000000

 85DB3C

 85DB3C

 79DB26

 91DB52

 6DDB10

 9DDB68

 65DB00

 A9DB7E

 B4DB94

 C0DBAA

 CCDBBF

 D8DBD5

 E4DBEB

 F0DBFF

Harmonies

Analogous

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



D8C800



85DB3C



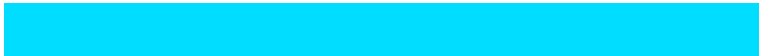
00E587

Triad

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



85DB3C



00DDFF



FF75B4

Complementary

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



85DB3C



923CDB

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.



FF84FF



85DB3C



00C8FF

Square

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



85DB3C



00E7FF



E1A7FF



FF8A6A

Rectangle

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



85DB3C



00E9BD



E1A7FF



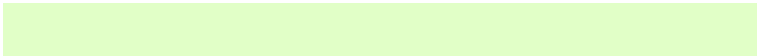
FF76CF

Sweetspot

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



85DB3C



E1FFC7



DB913C



6E805E



000000



808080

Same Dimension

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



85DB3C



87FF21



3CDB41



686E63



50AD00



152E00

Inverse Universe

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



923CDB



9921FF



DB3CD6



69636E



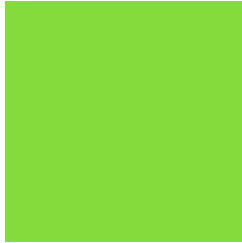
5E00AD



19002E

Previews

White Background



This preview shows how the Hex color 85DB3C looks on a white background.

Color Contrast Check

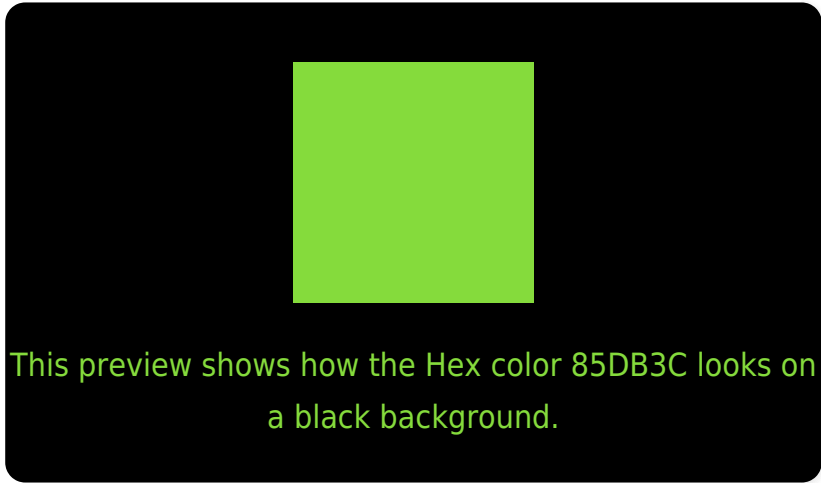
Large Text (above 18pt) WCAG AA × Fail

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 85DB3C Background



This preview shows how black text looks on a background with the Hex color 85DB3C.

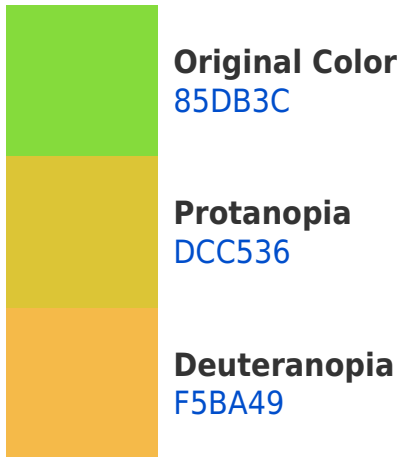


This preview shows how white text looks on a background with the Hex color 85DB3C.

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](#).

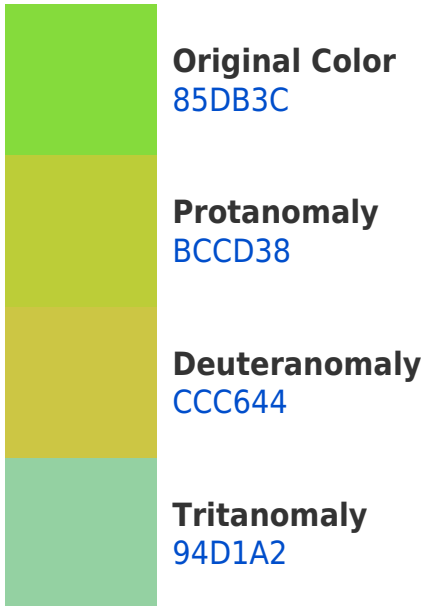
Dichromacy



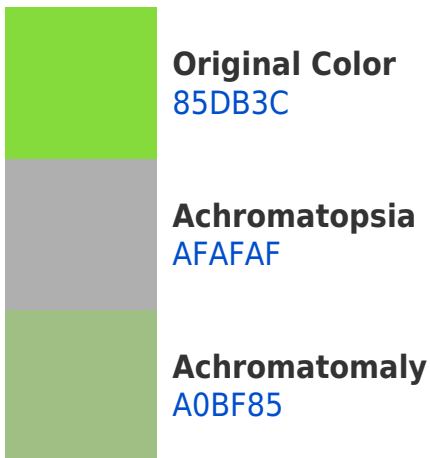


Tritanopia
9CCCDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85DB3C 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 #85DB3C looks like.

```
.text, #text, p{  
    color:#85DB3C  
}
```

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 #85DB3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85DB3C
}
```

Border

The CSS property to change the border of an element to Hex 85DB3C 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
#85DB3C }
```

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

```
.border{ border-color:#85DB3C }
```

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

Here you see how a box with a 4 pixel #85DB3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85DB3C; -webkit-box-shadow:4px 4px  
4px 4px #85DB3C; box-shadow:4px 4px 4px  
4px #85DB3C }
```

Background

The CSS property to change the background color of an element to Hex 85DB3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85DB3C }
```

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

```
.background{ background-color:#85DB3C }
```

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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