

Converting Colors

Hex(85BE0E)

Have a look what the booklet for
Hex(85BE0E) contains.

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Color

Hex(85BE0E)

Conversions

Conversions Part 1

Format	Color
Hex	85BE0E
RGB	133, 190, 14
RGB Percent	52%, 75%, 5%
CMY	0.4784, 0.2549, 0.9451
CMYK	0.30, 0.00, 0.93, 0.25
HSL	79°, 86%, 40%
HSV	79°, 93%, 75%
XYZ	28.1656, 41.8452, 7.0079
YIQ	152.8930, 22.5240, -66.8200

Conversions

Conversions Part 2

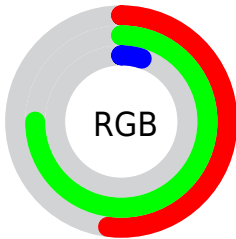
Format	Color
RYB	14, 190, 71
Decimal	8764942
CIELab	70.76, -40.64, 69.44
CIELCh	71, 80.458, 120.335
Yxy	41.8452, 0.3657, 0.5433
Android (android.graphics.Color)	4286955022 (0xFF85BE0E)
YUV	152.8930, -68.4742, -17.4462
Hunter-Lab	64.6878, -35.4834, 38.8583

Details

The Hex color **85BE0E** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **470EBE**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BFF754**, and **4C8800** is the 20% darker color. If you saturate the color by 10%, you get **80BE00**, and if you desaturate by 10%, it is **8BBE21**.

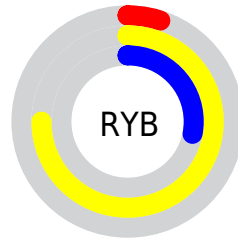
Distribution



Red (52%)

Green (75%)

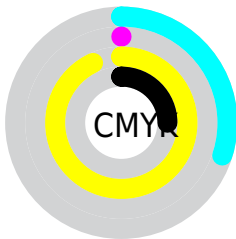
Blue (5%)



Red (5%)

Yellow (75%)

Blue (28%)

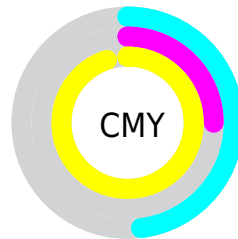


Cyan (30%)

Magenta (0%)

Yellow (93%)

Black (25%)



Cyan (48%)

Magenta (25%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85BE0E 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 85BE0E by changing the saturation by 10% instead.



85BE0E



85BE0E

FFFFFF



69A300



BFF754



4C8800



DCFF71



2F6E00



FAFF8D



075600



FFFFA9



003E00



FFFFC6



002800



FFFFE3



000500



000000



85BE0E



85BE0E

■ 80BE00

■ 8BBE21

■ 91BE34

■ 97BE47

■ 9EBE5A

■ A4BE6D

■ AABE80

■ B0BE93

■ B6BEA6

■ BCBEB9

Harmonies

Analogous

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



CEAA00



85BE0E



00C960

Triad

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



85BE0E



00C7FF



FF5EB0

Complementary

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



85BE0E



470EBE

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.



FF75F7



85BE0E



00B6FF

Square

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



85BE0E



00CEF5



AA99FF



FF6C68

Rectangle

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



85BE0E



00CD92



AA99FF



FF62C8

Sweetspot

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



85BE0E



E1F7B2



BE460E



6F7D52



FCFCFC



7D7D7D

Same Dimension

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



85BE0E



A7F700



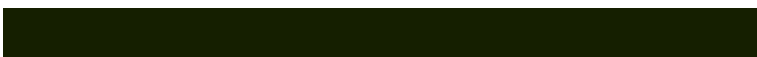
2EBE0E



5B5E55



6B9E00



151F00

Inverse Universe

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



470EBE



5000F7



9E0EBE



58555E



33009E



0A001F

Previews

White Background



This preview shows how the Hex color 85BE0E looks on a white background.

Color Contrast Check

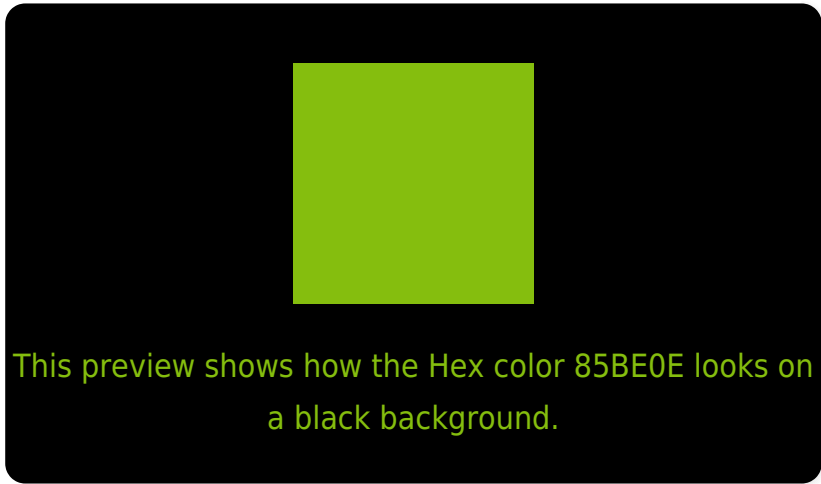
Large Text (above 18pt) WCAG AA × Fail

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 85BE0E Background



This preview shows how black text looks on a background with the Hex color 85BE0E.



This preview shows how white text looks on a background with the Hex color 85BE0E.

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



Original Color
85BE0E

Protanopia
C3AD00

Deuteranopia
D9A426



Tritanopia
97B1BF

Trichromacy



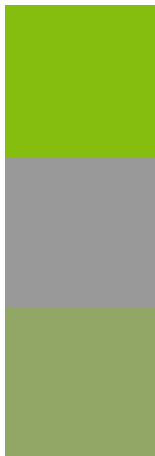
Original Color
85BE0E

Protanomaly
ACB305

Deuteranomaly
BAAD1D

Tritanomaly
90B67F

Monochromacy



Original Color
85BE0E

Achromatopsia
999999

Achromatomaly
92A666

CSS Examples

Text

The CSS property to change the color of the text to Hex 85BE0E 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 #85BE0E looks like.

```
.text, #text, p{  
    color:#85BE0E  
}
```

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 #85BE0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85BE0E
}
```

Border

The CSS property to change the border of an element to Hex 85BE0E 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
#85BE0E }
```

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

```
.border{ border-color:#85BE0E }
```

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

Here you see how a box with a 4 pixel #85BE0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85BE0E; -webkit-box-shadow:4px 4px  
4px 4px #85BE0E; box-shadow:4px 4px 4px  
4px #85BE0E }
```

Background

The CSS property to change the background color of an element to Hex 85BE0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85BE0E }
```

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

```
.background{ background-color:#85BE0E }
```

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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