

Converting Colors

Hex(85CC1F)

Have a look what the booklet for
Hex(85CC1F) contains.

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Color

Hex(85CC1F)

Conversions

Conversions Part 1

Format	Color
Hex	85CC1F
RGB	133, 204, 31
RGB Percent	52%, 80%, 12%
CMY	0.4784, 0.2000, 0.8784
CMYK	0.35, 0.00, 0.85, 0.20
HSL	85°, 74%, 46%
HSV	85°, 85%, 80%
XYZ	31.5131, 48.2712, 8.9527
YIQ	163.0490, 13.2170, -68.8550

Conversions

Conversions Part 2

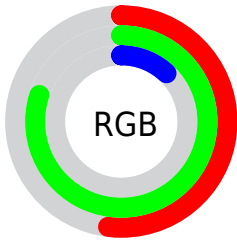
Format	Color
RYB	31, 204, 102
Decimal	8768543
CIELab	75.00, -46.16, 69.92
CIELCh	75, 83.784, 123.432
Yxy	48.2712, 0.3551, 0.5440
Android (android.graphics.Color)	4286958623 (0xFF85CC1F)
YUV	163.0490, -65.1002, -26.3530
Hunter-Lab	69.4775, -40.6230, 40.9943

Details

The Hex color **85CC1F** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **661FCC**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BFFF5F**, and **4B9500** is the 20% darker color. If you saturate the color by 10%, you get **7DCC0B**, and if you desaturate by 10%, it is **8DCC33**.

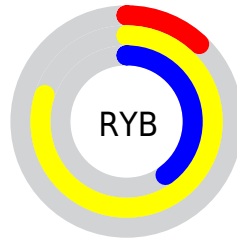
Distribution



Red (52%)

Green (80%)

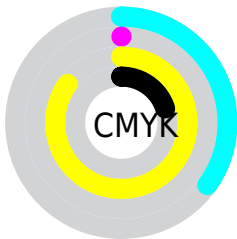
Blue (12%)



Red (12%)

Yellow (80%)

Blue (40%)

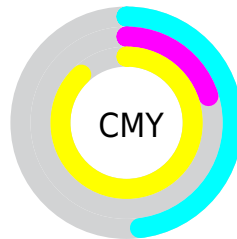


Cyan (35%)

Magenta (0%)

Yellow (85%)

Black (20%)



Cyan (48%)

Magenta (20%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85CC1F 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 85CC1F by changing the saturation by 10% instead.

 85CC1F

 85CC1F

FFFFFF

 68B000

 BFFF5F

 4B9500

 DDFF7B

 2C7B00

 FBFF97

 006100

 FFFFB4

 004900

 FFFFDD

 003200

 FFFFEE

 001A00

 000000

 85CC1F

 85CC1F

 7DCC0B

 8DCC33

 78CC00

 96CC48

 9ECC5C

 A6CC71

 AFCC85

 B7CC99

 C0CCAE

 C8CCC2

 D0CCD7

Harmonies

Analogous

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



D4B800



85CC1F



00D76F

Triad

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



85CC1F



00D2FF



FF65B3

Complementary

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



85CC1F



661FCC

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.



FF7AFF



85CC1F



00BFFF

Square

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



85CC1F



00DBFF



C2A0FF



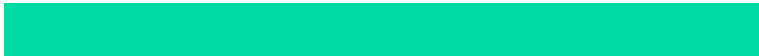
FF7768

Rectangle

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



85CC1F



00DBA5



C2A0FF



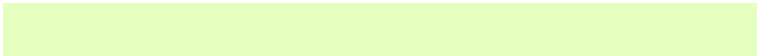
FF68CD

Sweetspot

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



85CC1F



E5FFBF



CC641F



708059



000000



808080

Same Dimension

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



85CC1F



96FF00



30CC1F



62665C



62A600



172600

Inverse Universe

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



661FCC



6900FF



BB1FCC



605C66



4400A6



100026

Previews

White Background



This preview shows how the Hex color 85CC1F looks on a white background.

Color Contrast Check

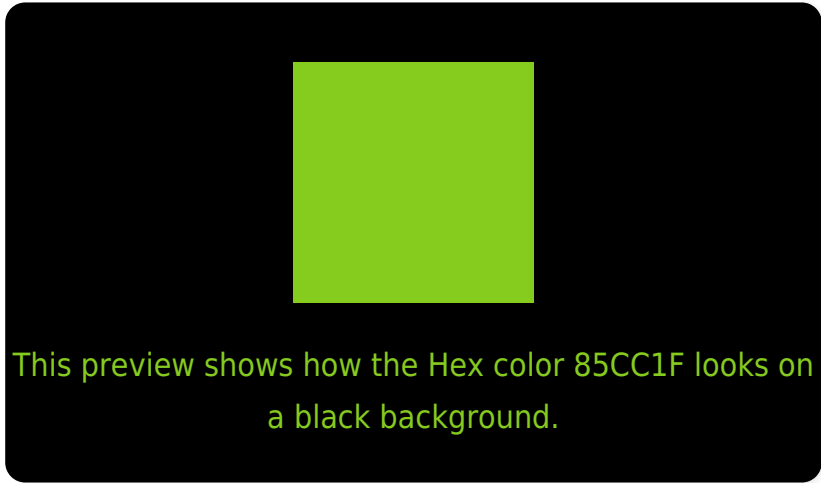
Large Text (above 18pt) WCAG AA × Fail

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 85CC1F Background



This preview shows how black text looks on a background with the Hex color 85CC1F.

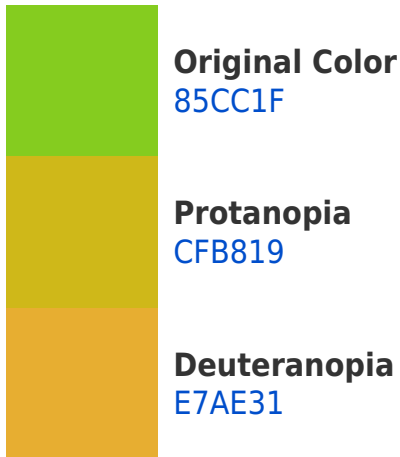


This preview shows how white text looks on a background with the Hex color 85CC1F.

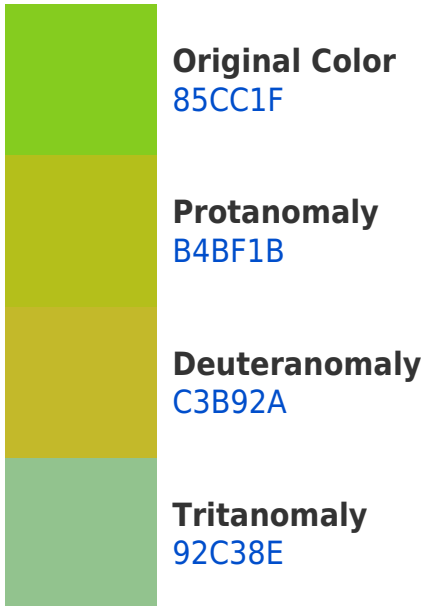
Color Blindness Simulation

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](#).

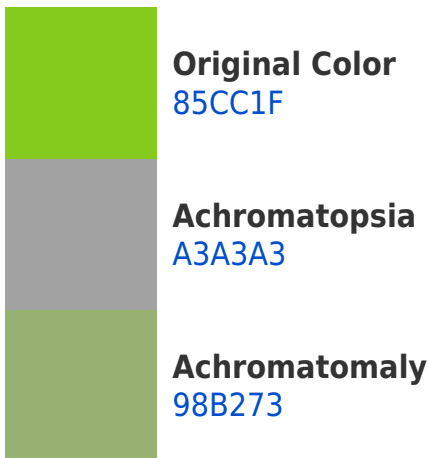
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85CC1F 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 #85CC1F looks like.

```
.text, #text, p{  
    color:#85CC1F  
}
```

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 #85CC1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85CC1F
}
```

Border

The CSS property to change the border of an element to Hex 85CC1F 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
#85CC1F }
```

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

```
.border{ border-color:#85CC1F }
```

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

Here you see how a box with a 4 pixel #85CC1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85CC1F; -webkit-box-shadow:4px 4px  
4px 4px #85CC1F; box-shadow:4px 4px 4px  
4px #85CC1F }
```

Background

The CSS property to change the background color of an element to Hex 85CC1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85CC1F }
```

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

```
.background{ background-color:#85CC1F }
```

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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