

# Converting Colors

Hex(85B81F)

Have a look what the booklet for  
Hex(85B81F) contains.

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**Color**

**Hex(85B81F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85B81F
RGB	133, 184, 31
RGB Percent	52%, 72%, 12%
CMY	0.4784, 0.2784, 0.8784
CMYK	0.28, 0.00, 0.83, 0.28
HSL	80°, 71%, 42%
HSV	80°, 83%, 72%
XYZ	27.0607, 39.3665, 7.4686
YIQ	151.3090, 18.7170, -58.3950

# Conversions

## Conversions Part 2

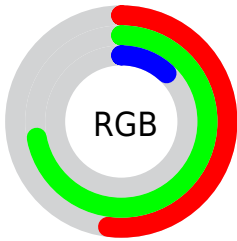
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 184, 82
Decimal	8763423
CIE <sub>Lab</sub>	69.02, -37.52, 64.71
CIE <sub>LCh</sub>	69, 74.799, 120.105
Yxy	39.3665, 0.3662, 0.5327
Android (android.graphics.Color)	4286953503 (0xFF85B81F)
YUV	151.3090, -59.3123, -16.0570
Hunter-Lab	62.7427, -32.8134, 36.8623

# Details

The Hex color **85B81F** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **521FB8**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **BEF05B**, and **4D8300** is the 20% darker color. If you saturate the color by 10%, you get **7FB80D**, and if you desaturate by 10%, it is **8BB831**.

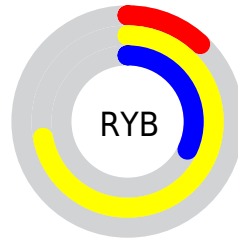
# Distribution



Red (52%)

Green (72%)

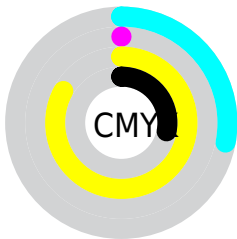
Blue (12%)



Red (12%)

Yellow (72%)

Blue (32%)

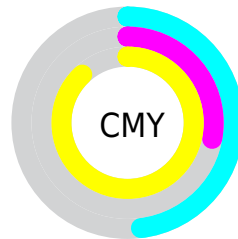


Cyan (28%)

Magenta (0%)

Yellow (83%)

Black (28%)



Cyan (48%)

Magenta (28%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85B81F 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 85B81F by changing the saturation by 10% instead.





85B81F



85B81F

FFFFFF



699D00



BEF05B



4D8300



DBFF77



316900



F9FF93



0F5100



FFFFAF



003900



FFFCC



002500



FFFEE9



000000



85B81F



85B81F



7FB80D



8BB831

 7BB800

 91B844

 97B856

 9EB869

 A4B87B

 AAB88D

 B0B8A0

 B6B8B2

 BCB8C5

# Harmonies

## Analogous

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



C9A500



85B81F



00C361

# Triad

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



85B81F



00C0FF



FF62AB

# Complementary

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



85B81F



521FB8

# 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.



F976ED



85B81F



00B0FF

# Square

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



85B81F



00C7EB



A696FF



FF6E69

# Rectangle

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



85B81F



00C68F



A696FF



FF66C2



# Sweetspot

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



85B81F



DCF0B4



B8521F



6C7854



F7F7F7



787878



# Same Dimension

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



85B81F



A0F000



38B81F



595C53



689C00



131C00



# Inverse Universe

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



521FB8



5000F0



9F1FB8



56535C



34009C



09001C



# Previews

## White Background



This preview shows how the Hex color 85B81F looks on a white background.

## Color Contrast Check

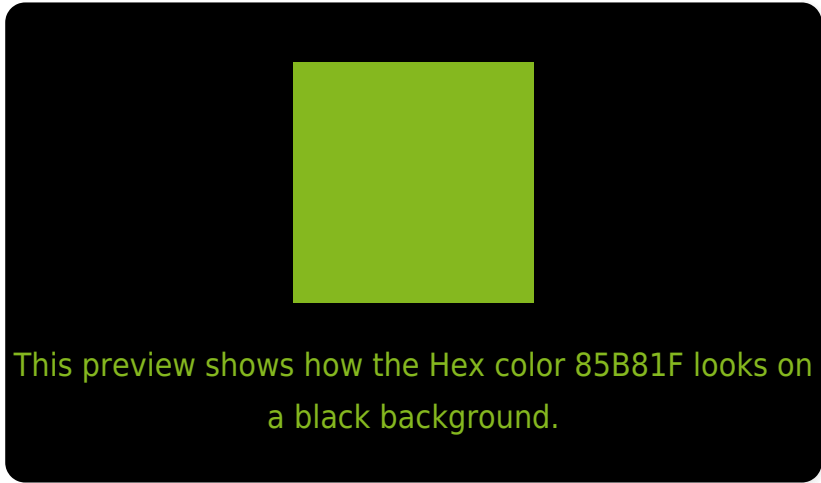
Large Text (above 18pt) WCAG AA × Fail

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 85B81F Background



This preview shows how black text looks on a background with the Hex color 85B81F.

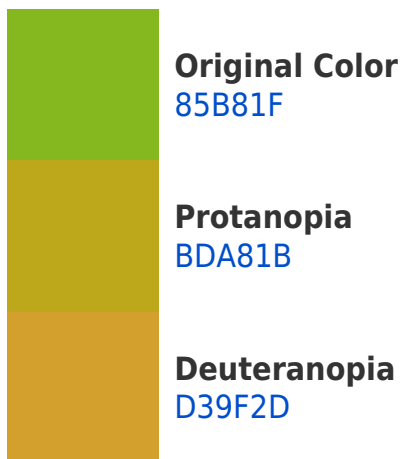


This preview shows how white text looks on a background with the Hex color 85B81F.

# 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](#).

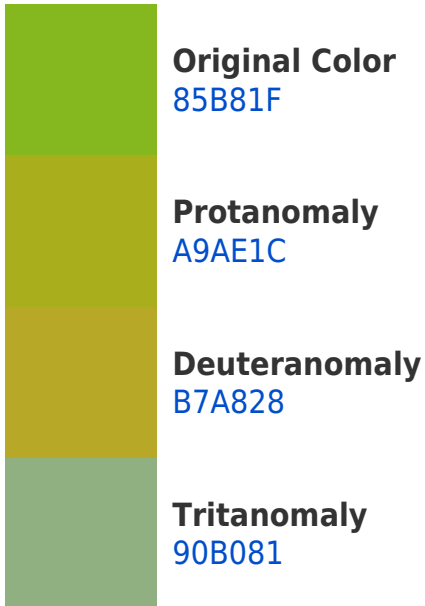
## Dichromacy



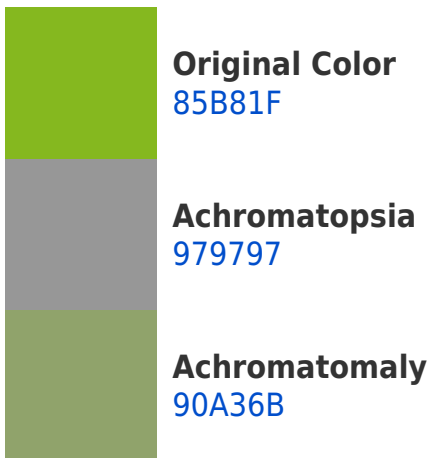


**Tritanopia**  
96ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85B81F 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 #85B81F looks like.

```
.text, #text, p{  
    color:#85B81F  
}
```

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 #85B81F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B81F
}
```

## Border

The CSS property to change the border of an element to Hex 85B81F 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
#85B81F }
```

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

```
.border{ border-color:#85B81F }
```

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

Here you see how a box with a 4 pixel #85B81F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B81F; -webkit-box-shadow:4px 4px  
4px 4px #85B81F; box-shadow:4px 4px 4px  
4px #85B81F }
```

# Background

The CSS property to change the background color of an element to Hex 85B81F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B81F }
```

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

```
.background{ background-color:#85B81F }
```

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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