

# Converting Colors

Hex(8BBF1C)

Have a look what the booklet for  
Hex(8BBF1C) contains.

|  |    |
|--|----|
| <b>Hex(8BBF1C)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(8BBF1C)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 8BBF1C                      |
| RGB         | 139, 191, 28                |
| RGB Percent | 55%, 75%, 11%               |
| CMY         | 0.4549, 0.2510, 0.8902      |
| CMYK        | 0.27, 0.00, 0.85, 0.25      |
| HSL         | 79°, 74%, 43%               |
| HSV         | 79°, 85%, 75%               |
| XYZ         | 29.4879, 42.8344, 7.8123    |
| YIQ         | 156.8700, 21.3310, -61.7170 |

# Conversions

## Conversions Part 2

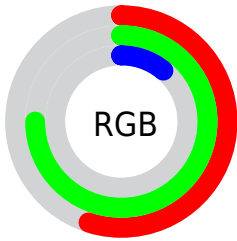
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">28, 191, 80</a>                  |
| Decimal                             | <a href="#">9158428</a>                      |
| CIELab                              | <a href="#">71.44, -38.42, 67.66</a>         |
| CIELCh                              | <a href="#">71, 77.805, 119.593</a>          |
| Yxy                                 | <a href="#">42.8344, 0.3680, 0.5345</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4287348508<br/>(0xFF8BBF1C)</a>  |
| YUV                                 | <a href="#">156.8700, -63.5329, -15.6720</a> |
| Hunter-Lab                          | <a href="#">65.4480, -34.1101, 38.7364</a>   |

# Details

The Hex color **8BBF1C** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **501CBF**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C5F85B**, and **538900** is the 20% darker color. If you saturate the color by 10%, you get **85BF09**, and if you desaturate by 10%, it is **91BF2F**.

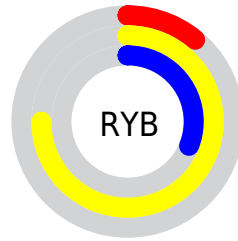
# Distribution



Red (55%)

Green (75%)

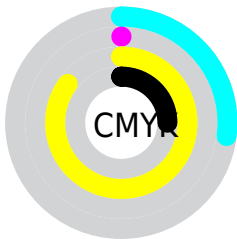
Blue (11%)



Red (11%)

Yellow (75%)

Blue (31%)

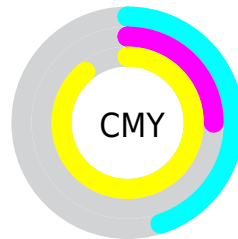


Cyan (27%)

Magenta (0%)

Yellow (85%)

Black (25%)



Cyan (45%)

Magenta (25%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BBF1C 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 8BBF1C by changing the saturation by 10% instead.



 8BBF1C

 8BBF1C

FFFFFF

 6FA400

 C5F85B

 538900

 E2FF77

 366F00

 FFFF93

 155700

 FFFFAF

 003F00

 FFFFCC

 002900

 FFFFEE

 000A00

 000000

 8BBF1C

 8BBF1C

■ 85BF09

■ 91BF2F

■ 82BF00

■ 97BF42

■ 9DBF55

■ A3BF68

■ A9BF7B

■ B0BF8F

■ B6BFA2

■ BCBFB5

■ C2BFC8

# Harmonies

## Analogous

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



D1AB00



8BBF1C



00CA63

# Triad

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



8BBF1C



00C8FF



FF65B3

# Complementary

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



8BBF1C



501CBF

# 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.



FF7BF8



8BBF1C



00B8FF

# Square

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



8BBF1C



00CFF3



AA9CFF



FF716D

# Rectangle

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



8BBF1C



00CE93



AA9CFF



FF69CB

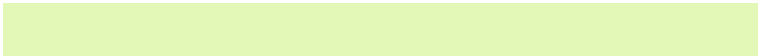


# Sweetspot

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



8BBF1C



E3F7B7



BF501C



717D56



FCFCFC



7D7D7D



# Same Dimension

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



8BBF1C



A8F700



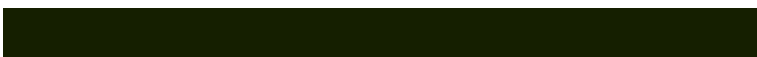
3ABF1C



5B5E55



6C9E00



151F00



# Inverse Universe

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



501CBF



4F00F7



A11CBF



58555E



32009E



0A001F



# Previews

## White Background



This preview shows how the Hex color 8BBF1C looks on a white background.

## Color Contrast Check

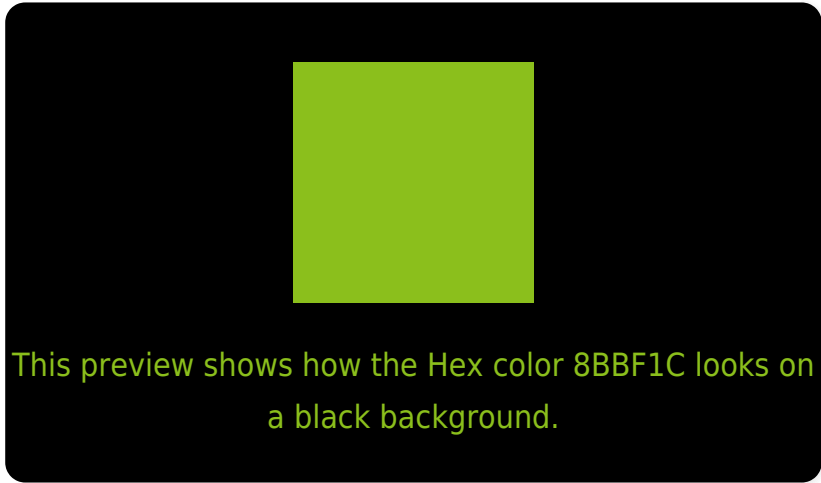
Large Text (above 18pt) WCAG AA × Fail

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 8BBF1C Background



This preview shows how black text looks on a background with the Hex color 8BBF1C.

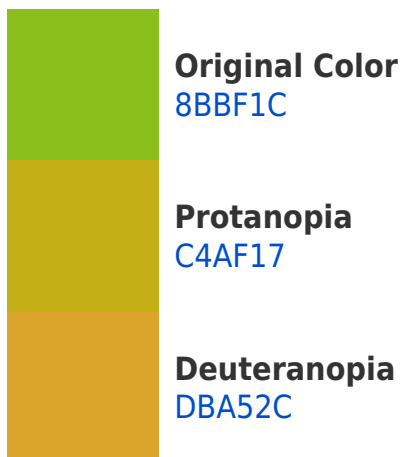


This preview shows how white text looks on a background with the Hex color 8BBF1C.

# 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**  
9CB2C0

# Trichromacy



**Original Color**  
8BBF1C



**Protanomaly**  
AFB519



**Deuteranomaly**  
BEAE26

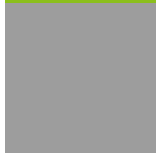


**Tritanomaly**  
96B784

# Monochromacy



**Original Color**  
8BBF1C



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
96A96E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BBF1C 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 #8BBF1C looks like.

```
.text, #text, p{  
    color:#8BBF1C  
}
```

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 #8BBF1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BBF1C
}
```

## Border

The CSS property to change the border of an element to Hex 8BBF1C 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
#8BBF1C }
```

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

```
.border{ border-color:#8BBF1C }
```

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

Here you see how a box with a 4 pixel #8BBF1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BBF1C; -webkit-box-shadow:4px 4px  
4px 4px #8BBF1C; box-shadow:4px 4px 4px  
4px #8BBF1C }
```

# Background

The CSS property to change the background color of an element to Hex 8BBF1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BBF1C }
```

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

```
.background{ background-color:#8BBF1C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor