

Converting Colors

Hex(8BBE1B)

Have a look what the booklet for
Hex(8BBE1B) contains.

Hex(8BBE1B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8BBE1B)

Conversions

Conversions Part 1

Format	Color
Hex	8BBE1B
RGB	139, 190, 27
RGB Percent	55%, 75%, 11%
CMY	0.4549, 0.2549, 0.8941
CMYK	0.27, 0.00, 0.86, 0.25
HSL	79°, 75%, 43%
HSV	79°, 86%, 75%
XYZ	29.2587, 42.3950, 7.6779
YIQ	156.1690, 21.9270, -61.5050

Conversions

Conversions Part 2

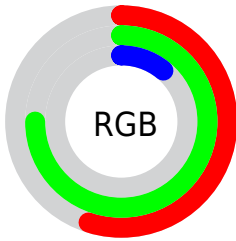
Format	Color
RYB	27, 190, 78
Decimal	9158171
CIELab	71.14, -38.01, 67.62
CIELCh	71, 77.569, 119.341
Yxy	42.3950, 0.3688, 0.5344
Android (android.graphics.Color)	4287348251 (0xFF8BBE1B)
YUV	156.1690, -63.6803, -15.0572
Hunter-Lab	65.1115, -33.7336, 38.5866

Details

The Hex color **8BBE1B** is a dark color, and the websafe version is hex **99CC33**, and the color name is **dark lemon lime**. A complement of this color would be **4E1BBE**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C5F75A**, and **538800** is the 20% darker color. If you saturate the color by 10%, you get **85BE08**, and if you desaturate by 10%, it is **91BE2E**.

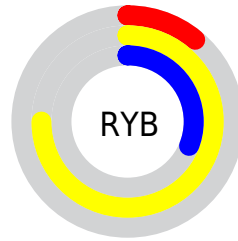
Distribution



Red (55%)

Green (75%)

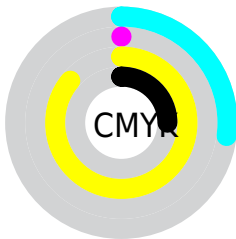
Blue (11%)



Red (11%)

Yellow (75%)

Blue (31%)

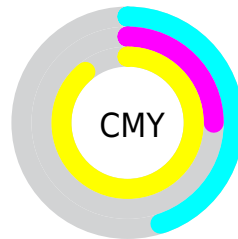


Cyan (27%)

Magenta (0%)

Yellow (86%)

Black (25%)



Cyan (45%)

Magenta (25%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BBE1B 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 8BBE1B by changing the saturation by 10% instead.



8BBE1B



8BBE1B

FFFFFF



6FA300



C5F75A



538800



E2FF76



376F00



FFFF92



165600



FFFFAF



003E00



FFFFCB



002800



FFFFE9



000800



000000



8BBE1B



8BBE1B

 85BE08

 91BE2E

 83BE00

 97BE41

 9DBE54

 A3BE67

 A9BE7A

 AFBE8D

 B5BEA0

 BBEB3

 C1BEC6

Harmonies

Analogous

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



D1AA00



8BBE1B



00C962

Triad

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



8BBE1B



00C7FF



FF65B3

Complementary

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



8BBE1B



4E1BBE

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.



FF7AF7



8BBE1B



00B7FF

Square

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



8BBE1B



00CEF2



A89CFF



FF706D

Rectangle

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



8BBE1B



00CD92



A89CFF



FF69CB

Sweetspot

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



8BBE1B



E3F7B7



BE4C1B



717D56



FCFCFC



7D7D7D

Same Dimension

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



8BBE1B



AAF700



3CBE1B



5B5E55



6D9E00



151F00

Inverse Universe

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



4E1BBE



4D00F7



9D1BBE



58555E



31009E



0A001F

Previews

White Background



This preview shows how the Hex color 8BBE1B looks on a white background.

Color Contrast Check

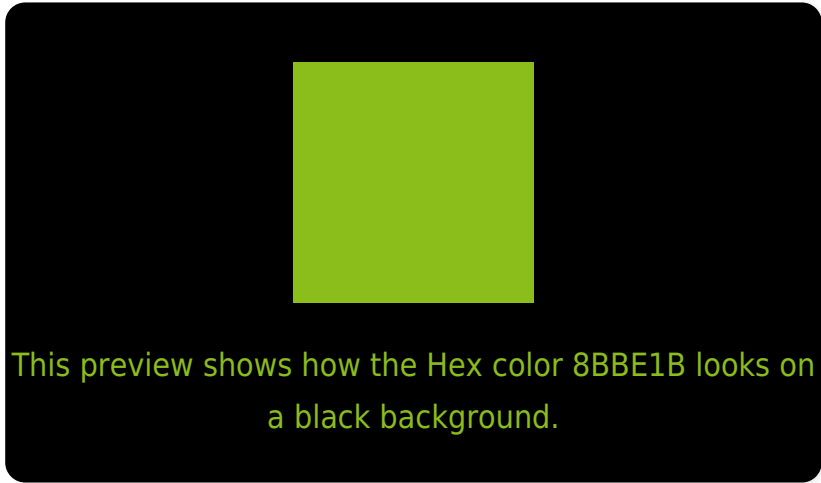
Large Text (above 18pt) WCAG AA × Fail

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 8BBE1B Background



This preview shows how black text looks on a background with the Hex color 8BBE1B.



This preview shows how white text looks on a background with the Hex color 8BBE1B.

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
8BBE1B

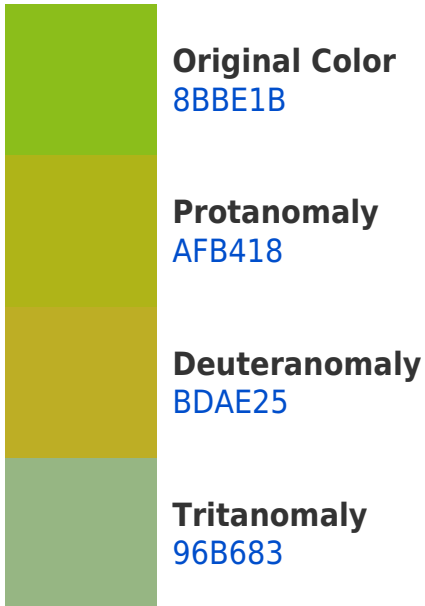
Protanopia
C4AE16

Deuteranopia
DAA52B



Tritanopia
9CB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8BBE1B 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 #8BBE1B looks like.

```
.text, #text, p{  
    color:#8BBE1B  
}
```

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 #8BBE1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BBE1B
}
```

Border

The CSS property to change the border of an element to Hex 8BBE1B 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
#8BBE1B }
```

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

```
.border{ border-color:#8BBE1B }
```

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

Here you see how a box with a 4 pixel #8BBE1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BBE1B; -webkit-box-shadow:4px 4px  
4px 4px #8BBE1B; box-shadow:4px 4px 4px  
4px #8BBE1B }
```

Background

The CSS property to change the background color of an element to Hex 8BBE1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BBE1B }
```

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

```
.background{ background-color:#8BBE1B }
```

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