

Converting Colors

Hex(89CB1B)

Have a look what the booklet for
Hex(89CB1B) contains.

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Color

Hex(89CB1B)

Conversions

Conversions Part 1

Format	Color
Hex	89CB1B
RGB	137, 203, 27
RGB Percent	54%, 80%, 11%
CMY	0.4627, 0.2039, 0.8941
CMYK	0.33, 0.00, 0.87, 0.20
HSL	82°, 77%, 45%
HSV	82°, 87%, 80%
XYZ	31.8703, 48.1094, 8.6432
YIQ	163.2020, 17.1600, -68.7280

Conversions

Conversions Part 2

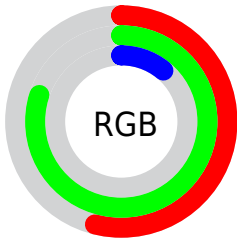
Format	Color
RYB	27, 203, 93
Decimal	9030427
CIELab	74.89, -44.42, 70.76
CIELCh	75, 83.546, 122.119
Yxy	48.1094, 0.3596, 0.5429
Android (android.graphics.Color)	4287220507 (0xFF89CB1B)
YUV	163.2020, -67.1476, -22.9792
Hunter-Lab	69.3609, -39.3636, 41.1644

Details

The Hex color **89CB1B** 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 **5D1BCB**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C3FF5C**, and **4F9400** is the 20% darker color. If you saturate the color by 10%, you get **81CB07**, and if you desaturate by 10%, it is **91CB2F**.

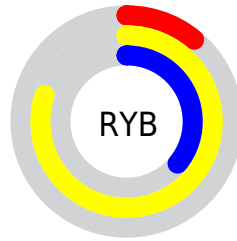
Distribution



Red (54%)

Green (80%)

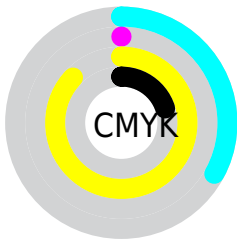
Blue (11%)



Red (11%)

Yellow (80%)

Blue (36%)

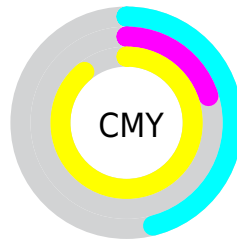


Cyan (33%)

Magenta (0%)

Yellow (87%)

Black (20%)



Cyan (46%)

Magenta (20%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89CB1B 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 89CB1B by changing the saturation by 10% instead.

 89CB1B

 89CB1B


FFFFFF

 6CAF00

 C3FF5C

 4F9400

 E1FF79

 317A00

 FFFF95

 076100

 FFFFB2

 004800

 FFFFCF

 003100

 FFFFEC

 001A00

 000000

 89CB1B

 89CB1B

 81CB07

 91CB2F

 7FCB00

 98CB44

 A0CB58

 A7CB6C

 AFCB81

 B7CB95

 BECBA9

 C6CBBD

 CECBD2

Harmonies

Analogous

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



D7B700



89CB1B



00D66C

Triad

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



89CB1B



00D3FF



FF66B6

Complementary

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



89CB1B



5D1BCB

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.



FF7CFF



89CB1B



00C0FF

Square

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



89CB1B



00DAFF



BDA1FF



FF766B

Rectangle

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



89CB1B



00DAA1



BDA1FF



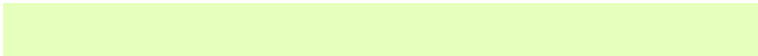
FF69D0

Sweetspot

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



89CB1B



E6FFBD



CB5C1B



718058



000000



808080

Same Dimension

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



89CB1B



9FFF00



32CB1B



62665C



68A600



182600

Inverse Universe

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



5D1BCB



6000FF



B41BCB



605C66



3E00A6



0E0026

Previews

White Background



This preview shows how the Hex color 89CB1B looks on a white background.

Color Contrast Check

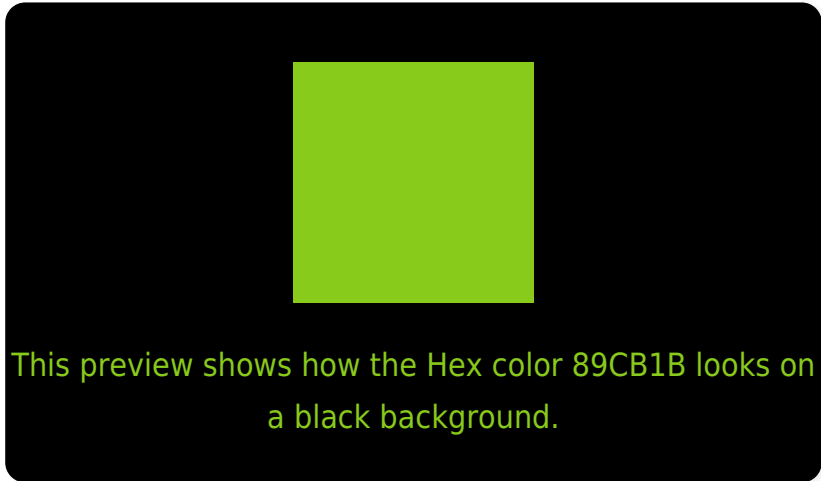
Large Text (above 18pt) WCAG AA × Fail

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 89CB1B Background



This preview shows how black text looks on a background with the Hex color 89CB1B.



This preview shows how white text looks on a background with the Hex color 89CB1B.

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
89CB1B

Protanopia
CFB815

Deuteranopia
E7AE2E

Trichromacy



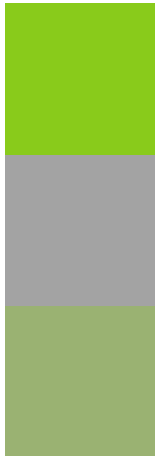
Original Color
89CB1B

Protanomaly
B6BF17

Deuteranomaly
C5B927

Tritanomaly
96C28C

Monochromacy



Original Color
89CB1B

Achromatopsia
A3A3A3

Achromatomaly
9AB272

CSS Examples

Text

The CSS property to change the color of the text to Hex 89CB1B 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 #89CB1B looks like.

```
.text, #text, p{  
    color:#89CB1B  
}
```

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 #89CB1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89CB1B
}
```

Border

The CSS property to change the border of an element to Hex 89CB1B 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
#89CB1B }
```

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

```
.border{ border-color:#89CB1B }
```

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

Here you see how a box with a 4 pixel #89CB1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89CB1B; -webkit-box-shadow:4px 4px  
4px 4px #89CB1B; box-shadow:4px 4px 4px  
4px #89CB1B }
```

Background

The CSS property to change the background color of an element to Hex 89CB1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89CB1B }
```

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

```
.background{ background-color:#89CB1B }
```

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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