

Converting Colors

Hex(89C40E)

Have a look what the booklet for
Hex(89C40E) contains.

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Color

Hex(89C40E)

Conversions

Conversions Part 1

Format	Color
Hex	89C40E
RGB	137, 196, 14
RGB Percent	54%, 77%, 5%
CMY	0.4627, 0.2314, 0.9451
CMYK	0.30, 0.00, 0.93, 0.23
HSL	79°, 87%, 41%
HSV	79°, 93%, 77%
XYZ	30.1357, 44.8299, 7.4802
YIQ	157.6110, 23.2580, -69.1100

Conversions

Conversions Part 2

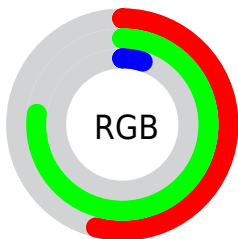
Format	Color
RYB	14, 196, 73
Decimal	9028622
CIELab	72.78, -41.73, 71.16
CIELCh	73, 82.488, 120.387
Yxy	44.8299, 0.3655, 0.5438
Android (android.graphics.Color)	4287218702 (0xFF89C40E)
YUV	157.6110, -70.8002, -18.0758
Hunter-Lab	66.9552, -36.8308, 40.2448

Details

The Hex color **89C40E** 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 **490EC4**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C3FD55**, and **508E00** is the 20% darker color. If you saturate the color by 10%, you get **84C400**, and if you desaturate by 10%, it is **8FC422**.

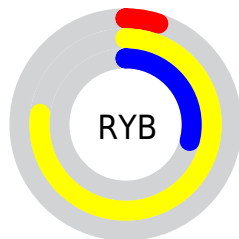
Distribution



Red (54%)

Green (77%)

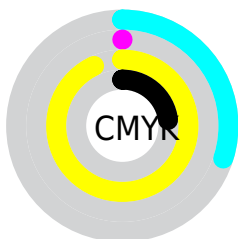
Blue (5%)



Red (5%)

Yellow (77%)

Blue (29%)

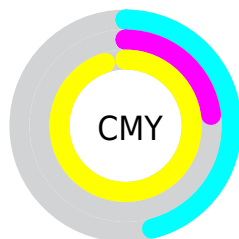


Cyan (30%)

Magenta (0%)

Yellow (93%)

Black (23%)



Cyan (46%)

Magenta (23%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89C40E 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 89C40E by changing the saturation by 10% instead.



89C40E



89C40E

FFFFFF



6CA900



C3FD55



508E00



E1FF72



337400



FFFF8E



0C5B00



FFFFAB



004300



FFFFC8



002C00



FFFFE5



001100



000000



89C40E



89C40E

 84C400

 8FC422

 96C435

 9CC449

 A2C45C

 A9C470

 AFC484

 B5C497

 BCC4AB

 C2C4BE

Harmonies

Analogous

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



D4B000



89C40E



00D063

Triad

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



89C40E



00CDFE



FF61B5

Complementary

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



89C40E



490EC4

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.



FF79FF



89C40E



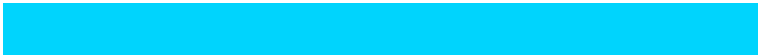
00BCFF

Square

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



89C40E



00D4FD



AF9EFF



FF6F6B

Rectangle

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



89C40E



00D397



AF9EFF



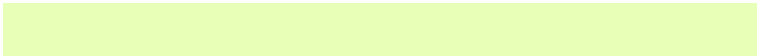
FF65CE

Sweetspot

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



89C40E



E8FFB8



C4480E



718054



000000



808080

Same Dimension

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



89C40E



ACFF00



2FC40E



5E6157



6DA100



162100

Inverse Universe

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



490EC4



5300FF



A30EC4



5A5761



3400A1



0B0021

Previews

White Background



This preview shows how the Hex color 89C40E looks on a white background.

Color Contrast Check

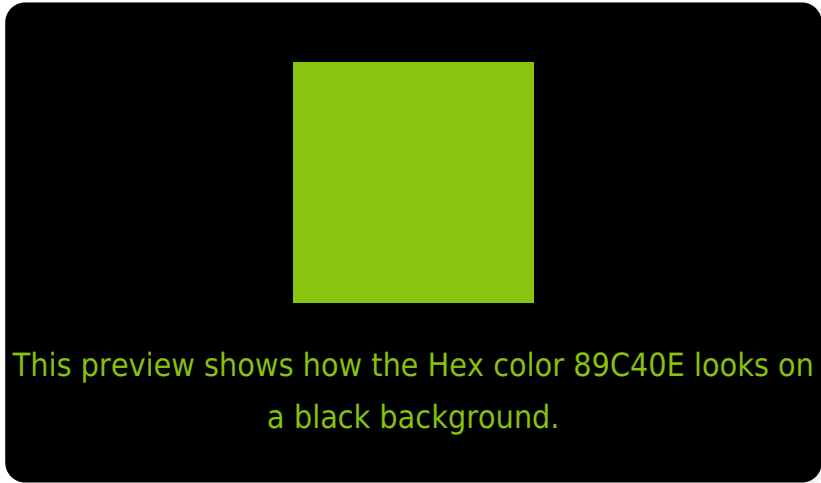
Large Text (above 18pt) WCAG AA × Fail

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 89C40E Background



This preview shows how black text looks on a background with the Hex color 89C40E.



This preview shows how white text looks on a background with the Hex color 89C40E.

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
89C40E

Protanopia
C9B200

Deuteranopia
E0A927



Tritanopia
9CB6C5

Trichromacy



Original Color
89C40E

Protanomaly
B2B905

Deuteranomaly
C0B31E

Tritanomaly
95BB82

Monochromacy



Original Color
89C40E

Achromatopsia
9E9E9E

Achromatomaly
96AC6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 89C40E 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 #89C40E looks like.

```
.text, #text, p{  
    color:#89C40E  
}
```

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 #89C40E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C40E
}
```

Border

The CSS property to change the border of an element to Hex 89C40E 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
#89C40E }
```

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

```
.border{ border-color:#89C40E }
```

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

Here you see how a box with a 4 pixel #89C40E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C40E; -webkit-box-shadow:4px 4px  
4px 4px #89C40E; box-shadow:4px 4px 4px  
4px #89C40E }
```

Background

The CSS property to change the background color of an element to Hex 89C40E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C40E }
```

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

```
.background{ background-color:#89C40E }
```

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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