

Converting Colors

Hex(89C00E)

Have a look what the booklet for
Hex(89C00E) contains.

Hex(89C00E)	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(89C00E)

Conversions

Conversions Part 1

Format	Color
Hex	89C00E
RGB	137, 192, 14
RGB Percent	54%, 75%, 5%
CMY	0.4627, 0.2471, 0.9451
CMYK	0.29, 0.00, 0.93, 0.25
HSL	79°, 86%, 40%
HSV	79°, 93%, 75%
XYZ	29.2454, 43.0493, 7.1834
YIQ	155.2630, 24.3580, -67.0180

Conversions

Conversions Part 2

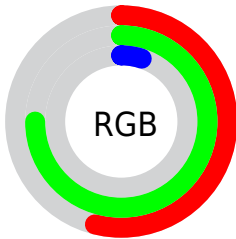
Format	Color
RYB	14, 192, 69
Decimal	9027598
CIELab	71.59, -39.98, 70.20
CIELCh	72, 80.788, 119.664
Yxy	43.0493, 0.3680, 0.5416
Android (android.graphics.Color)	4287217678 (0xFF89C00E)
YUV	155.2630, -69.6427, -16.0167
Hunter-Lab	65.6120, -35.2577, 39.4371

Details

The Hex color **89C00E** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **450EC0**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C3F955**, and **508A00** is the 20% darker color. If you saturate the color by 10%, you get **85C000**, and if you desaturate by 10%, it is **8FC021**.

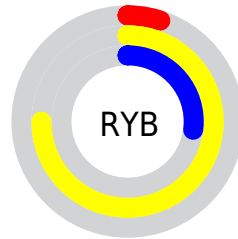
Distribution



Red (54%)

Green (75%)

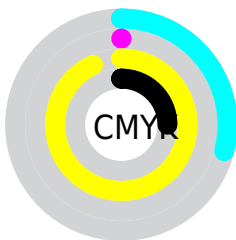
Blue (5%)



Red (5%)

Yellow (75%)

Blue (27%)

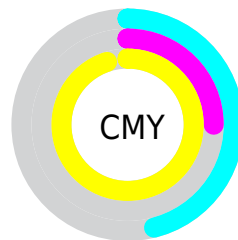


Cyan (29%)

Magenta (0%)

Yellow (93%)

Black (25%)



Cyan (46%)

Magenta (25%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89C00E 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 89C00E by changing the saturation by 10% instead.

 89C00E

 89C00E

FFFFFF

 6DA500


 C3F955

 508A00

 E0FF71

 347000

 FEFF8D

 0F5700

 FFFFAA

 003F00

 FFFFC7

 002A00

 FFFFE4

 000B00

 000000

 89C00E

 89C00E

■ 85C000

■ 8FC021

■ 95C034

■ 9BC048

■ A1C05B

■ A7C06E

■ ADC081

■ B3C094

■ B8C0A8

■ BEC0BB

Harmonies

Analogous

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



D2AC00



89C00E



00CB60

Triad

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



89C00E



00C9FF



FF60B3

Complementary

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



89C00E



450EC0

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.



FF78FB



89C00E



00B9FF

Square

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



89C00E



00D0F7



A99CFF



FF6D6B

Rectangle

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



89C00E



00CF92



A99CFF



FF65CC

Sweetspot

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



89C00E



E4FAB4



C0430E



707D52



FCFCFC



7D7D7D

Same Dimension

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



89C00E



ADFA00



32C00E



5E6157



6FA100



172100

Inverse Universe

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



450ECO



4D00FA



9C0ECO



5A5761



3200A1



0A0021

Previews

White Background



This preview shows how the Hex color 89C00E looks on a white background.

Color Contrast Check

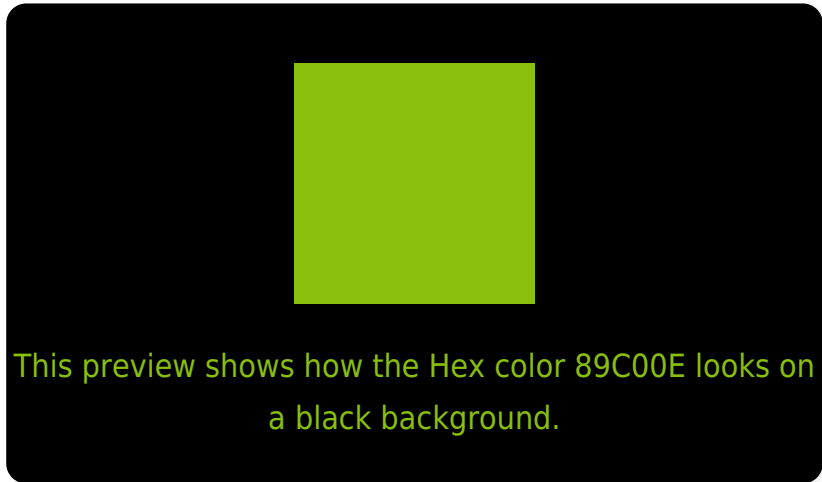
Large Text (above 18pt) WCAG AA × Fail

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 89C00E Background



This preview shows how black text looks on a background with the Hex color 89C00E.



This preview shows how white text looks on a background with the Hex color 89C00E.

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
89C00E

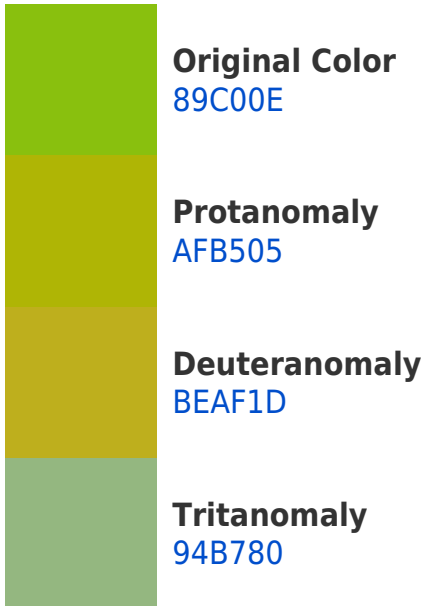
Protanopia
C5AF00

Deuteranopia
DCA626



Tritanopia
9BB2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89C00E 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 #89C00E looks like.

```
.text, #text, p{  
    color:#89C00E  
}
```

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 #89C00E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C00E
}
```

Border

The CSS property to change the border of an element to Hex 89C00E 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
#89C00E }
```

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

```
.border{ border-color:#89C00E }
```

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

Here you see how a box with a 4 pixel #89C00E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C00E; -webkit-box-shadow:4px 4px  
4px 4px #89C00E; box-shadow:4px 4px 4px  
4px #89C00E }
```

Background

The CSS property to change the background color of an element to Hex 89C00E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C00E }
```

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

```
.background{ background-color:#89C00E }
```

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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