

Converting Colors

Hex(89C707)

Have a look what the booklet for
Hex(89C707) contains.

Hex(89C707)	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>	28

Color

Hex(89C707)

Conversions

Conversions Part 1

Format	Color
Hex	89C707
RGB	137, 199, 7
RGB Percent	54%, 78%, 3%
CMY	0.4627, 0.2196, 0.9725
CMYK	0.31, 0.00, 0.96, 0.22
HSL	79°, 93%, 40%
HSV	79°, 96%, 78%
XYZ	30.7783, 46.1806, 7.4926
YIQ	158.5740, 24.6800, -72.8560

Conversions

Conversions Part 2

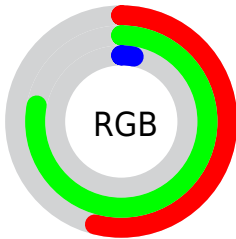
Format	Color
RYB	7, 199, 69
Decimal	9029383
CIELab	73.66, -43.13, 72.63
CIELCh	74, 84.471, 120.699
Yxy	46.1806, 0.3644, 0.5468
Android (android.graphics.Color)	4287219463 (0xFF89C707)
YUV	158.5740, -74.7260, -18.9204
Hunter-Lab	67.9563, -38.0785, 41.0323

Details

The Hex color **89C707** 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 **4507C7**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C3FF54**, and **4F9100** is the 20% darker color. If you saturate the color by 10%, you get **87C700**, and if you desaturate by 10%, it is **8FC71B**.

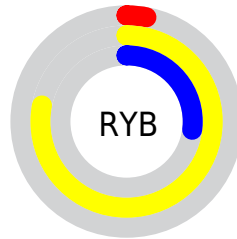
Distribution



Red (54%)

Green (78%)

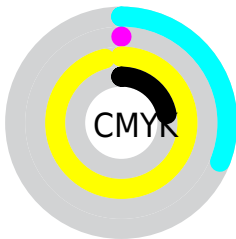
Blue (3%)



Red (3%)

Yellow (78%)

Blue (27%)

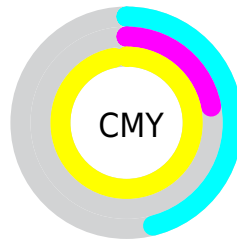


Cyan (31%)

Magenta (0%)

Yellow (96%)

Black (22%)



Cyan (46%)

Magenta (22%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89C707 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 89C707 by changing the saturation by 10% instead.

 89C707

 89C707

FFFFFF

 6CAB00

 C3FF54

 4F9100

 E1FF71

 327700

 FFFF8D

 085D00

 FFFFAA

 004500

 FFFFC7

 002E00

 FFFFEE

 001500

 000000

 89C707

 89C707

 87C700

 8FC71B

 96C72F

 9CC743

 A3C757

 A9C76B

 B0C77E

 B6C792

 BCC7A6

 C3C7BA

Harmonies

Analogous

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



D7B200



89C707



00D364

Triad

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



89C707



00D0FF



FF60B7

Complementary

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



89C707



4507C7

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



89C707



00BEFF

Square

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



89C707



00D7FF



B29FFF



FF706B

Rectangle

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



89C707



00D799



B29FFF



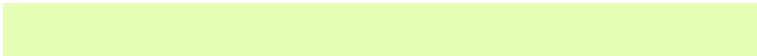
FF65D1

Sweetspot

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



89C707



E7FFB5



C74407



718053



000000



808080

Same Dimension

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



89C707



ADFF00



2AC707



60635A



6FA300



182400

Inverse Universe

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



4507C7



5200FF



A407C7



5D5A63



3500A3



0C0024

Previews

White Background



This preview shows how the Hex color 89C707 looks on a white background.

Color Contrast Check

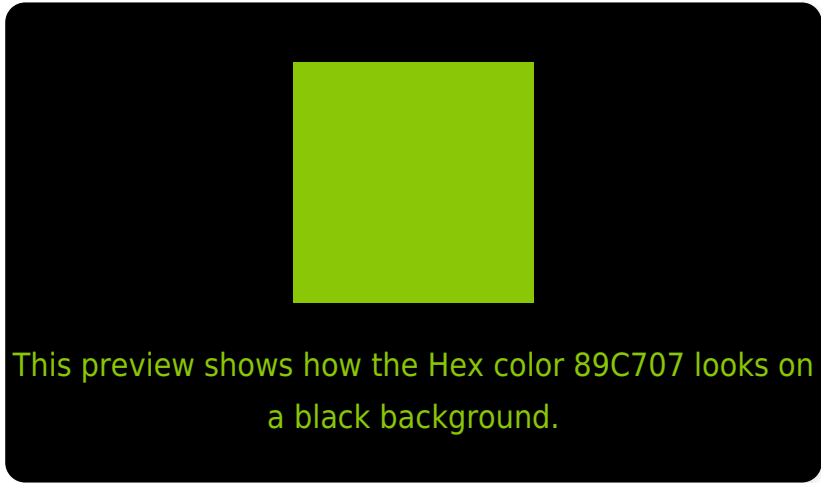
Large Text (above 18pt) WCAG AA × Fail

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 89C707 Background



This preview shows how black text looks on a background with the Hex color 89C707.

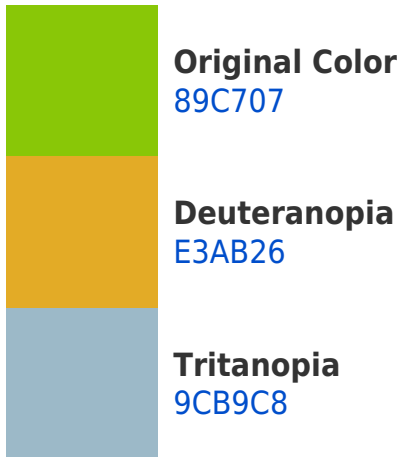


This preview shows how white text looks on a background with the Hex color 89C707.

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](#).

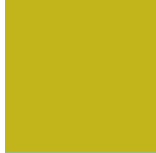
Dichromacy



Trichromacy



Original Color
89C707



Deuteranomaly
C2B51B

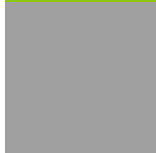


Tritanomaly
95BE82

Monochromacy



Original Color
89C707



Achromatopsia
9F9F9F



Achromatomaly
97AE68

CSS Examples

Text

The CSS property to change the color of the text to Hex 89C707 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 #89C707 looks like.

```
.text, #text, p{  
    color:#89C707  
}
```

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 #89C707 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C707
}
```

Border

The CSS property to change the border of an element to Hex 89C707 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
#89C707 }
```

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

```
.border{ border-color:#89C707 }
```

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

Here you see how a box with a 4 pixel #89C707 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C707; -webkit-box-shadow:4px 4px  
4px 4px #89C707; box-shadow:4px 4px 4px  
4px #89C707 }
```

Background

The CSS property to change the background color of an element to Hex 89C707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C707 }
```

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

```
.background{ background-color:#89C707 }
```

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