

Converting Colors

Hex(89C712)

Have a look what the booklet for
Hex(89C712) contains.

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Color

Hex(89C712)

Conversions

Conversions Part 1

Format	Color
Hex	89C712
RGB	137, 199, 18
RGB Percent	54%, 78%, 7%
CMY	0.4627, 0.2196, 0.9294
CMYK	0.31, 0.00, 0.91, 0.22
HSL	81°, 83%, 43%
HSV	81°, 91%, 78%
XYZ	30.8491, 46.2089, 7.8656
YIQ	159.8280, 21.1490, -69.4350

Conversions

Conversions Part 2

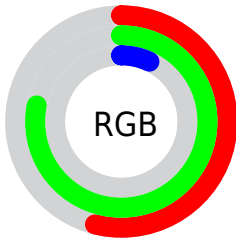
Format	Color
RYB	18, 199, 80
Decimal	9029394
CIELab	73.68, -42.94, 71.33
CIELCh	74, 83.255, 121.049
Yxy	46.2089, 0.3633, 0.5441
Android (android.graphics.Color)	4287219474 (0xFF89C712)
YUV	159.8280, -69.9212, -20.0202
Hunter-Lab	67.9771, -37.9537, 40.7236

Details

The Hex color **89C712** 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 **5012C7**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C3FF57**, and **4F9100** is the 20% darker color. If you saturate the color by 10%, you get **83C700**, and if you desaturate by 10%, it is **90C726**.

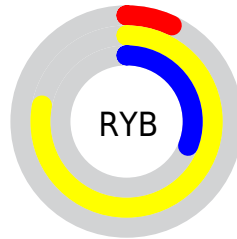
Distribution



Red (54%)

Green (78%)

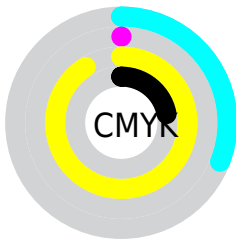
Blue (7%)



Red (7%)

Yellow (78%)

Blue (31%)

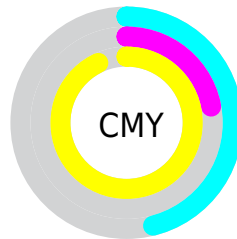


Cyan (31%)

Magenta (0%)

Yellow (91%)

Black (22%)



Cyan (46%)

Magenta (22%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89C712 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 89C712 by changing the saturation by 10% instead.

 89C712

 89C712

FFFFFF

 6CAB00

 C3FF57

 4F9100

 E1FF74

 327700

 FFFF90

 095D00

 FFFFAD

 004500

 FFFFC A

 002E00

 FFFF E7

 001500

 000000

 89C712

 89C712

■ 83C700

■ 90C726

■ 97C73A

■ 9DC74E

■ A4C762

■ ABC776

■ B2C789

■ B9C79D

■ C0C7B1

■ C6C7C5

Harmonies

Analogous

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



D6B300



89C712



00D266

Triad

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



89C712



00D0FF



FF62B6

Complementary

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



89C712



5012C7

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.



FF7AFF



89C712



00BEFF

Square

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



89C712



00D7FF



B49FFF



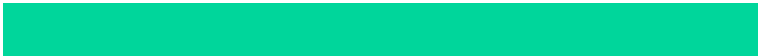
FF726B

Rectangle

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



89C712



00D69B



B49FFF



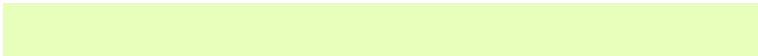
FF67CF

Sweetspot

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



89C712



E7FFBA



C74E12



728057



000000



808080

Same Dimension

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



89C712



A8FF00



30C712



60635A



6BA300



172400

Inverse Universe

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



5012C7



5700FF



A912C7



5D5A63



3800A3



0C0024

Previews

White Background



This preview shows how the Hex color 89C712 looks on a white background.

Color Contrast Check

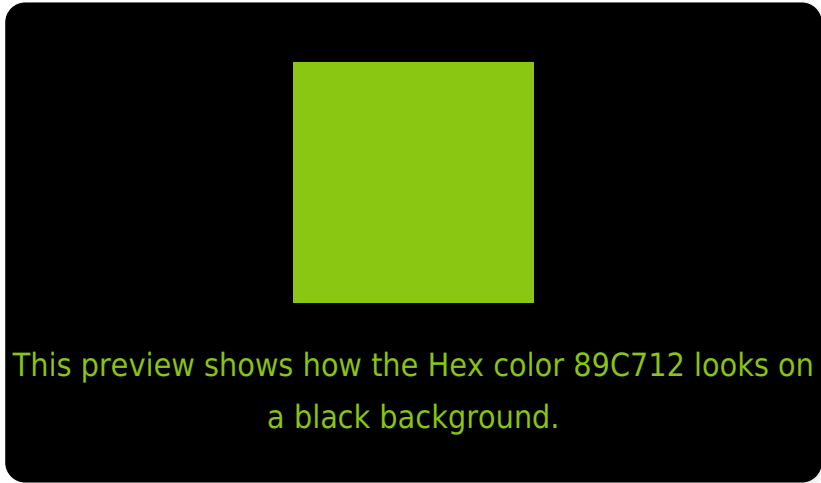
Large Text (above 18pt) WCAG AA × Fail

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 89C712 Background



This preview shows how black text looks on a background with the Hex color 89C712.

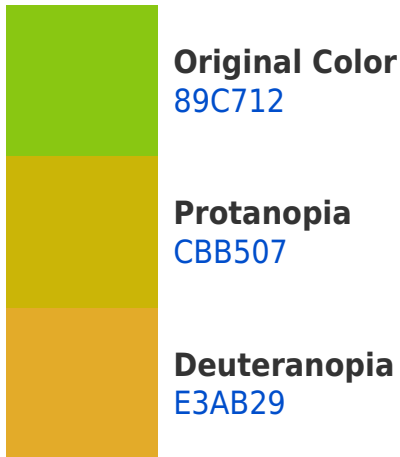


This preview shows how white text looks on a background with the Hex color 89C712.

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





Tritanopia
9CB9C8

Trichromacy



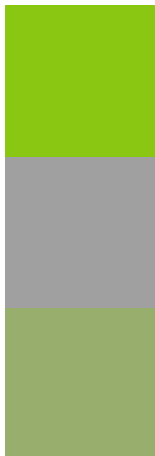
Original Color
89C712

Protanomaly
B3BC0B

Deuteranomaly
C2B521

Tritanomaly
95BE86

Monochromacy



Original Color
89C712

Achromatopsia
A0A0A0

Achromatomaly
98AE6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 89C712 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 #89C712 looks like.

```
.text, #text, p{  
    color:#89C712  
}
```

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 #89C712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C712
}
```

Border

The CSS property to change the border of an element to Hex 89C712 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
#89C712 }
```

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

```
.border{ border-color:#89C712 }
```

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

Here you see how a box with a 4 pixel #89C712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C712; -webkit-box-shadow:4px 4px  
4px 4px #89C712; box-shadow:4px 4px 4px  
4px #89C712 }
```

Background

The CSS property to change the background color of an element to Hex 89C712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C712 }
```

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

```
.background{ background-color:#89C712 }
```

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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