

Converting Colors

Hex(89C718)

Have a look what the booklet for
Hex(89C718) contains.

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Color

Hex(89C718)

Conversions

Conversions Part 1

Format	Color
Hex	89C718
RGB	137, 199, 24
RGB Percent	54%, 78%, 9%
CMY	0.4627, 0.2196, 0.9059
CMYK	0.31, 0.00, 0.88, 0.22
HSL	81°, 78%, 44%
HSV	81°, 88%, 78%
XYZ	30.9048, 46.2312, 8.1588
YIQ	160.5120, 19.2230, -67.5690

Conversions

Conversions Part 2

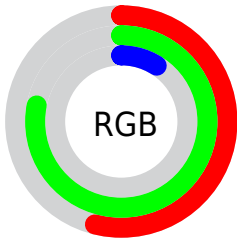
Format	Color
R _Y B	24, 199, 86
Decimal	9029400
CIE Lab	73.70, -42.80, 70.33
CIE LCh	74, 82.327, 121.321
Yxy	46.2312, 0.3623, 0.5420
Android (android.graphics.Color)	4287219480 (0xFF89C718)
YUV	160.5120, -67.3004, -20.6200
Hunter-Lab	67.9935, -37.8557, 40.4810

Details

The Hex color **89C718** 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 **5618C7**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C3FF5A**, and **509100** is the 20% darker color. If you saturate the color by 10%, you get **82C704**, and if you desaturate by 10%, it is **90C72C**.

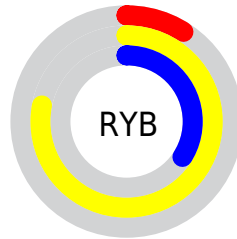
Distribution



Red (54%)

Green (78%)

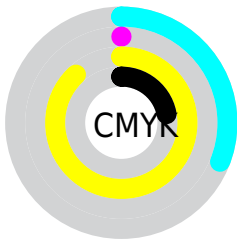
Blue (9%)



Red (9%)

Yellow (78%)

Blue (34%)

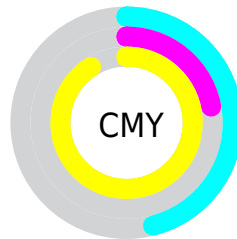


Cyan (31%)

Magenta (0%)

Yellow (88%)

Black (22%)



Cyan (46%)

Magenta (22%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89C718 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 89C718 by changing the saturation by 10% instead.

 89C718

 89C718

FFFFFF

 6CAB00

 C3FF5A

 509100

 E1FF77

 327700

 FFFF93

 0B5D00

 FFFFAF

 004500

 FFFFCC

 002E00

 FFFFEA

 001500

 000000

 89C718

 89C718

 82C704

 90C72C

 80C700

 97C740

 9EC754

 A5C768

 ACC77C

 B3C78F

 BAC7A3

 C1C7B7

 C8C7CB

Harmonies

Analogous

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



D5B300



89C718



00D268

Triad

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



89C718



00CFFF



FF64B5

Complementary

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



89C718



5618C7

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.



FF7BFF



89C718



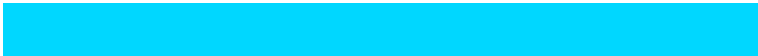
00BFFF

Square

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



89C718



00D7FF



B69FFF



FF736B

Rectangle

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



89C718



00D69C



B69FFF



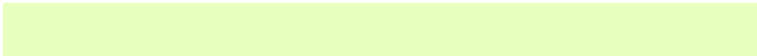
FF68CE

Sweetspot

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



89C718



E8FFBD



C75518



718058



000000



808080

Same Dimension

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



89C718



A5FF00



32C718



60635A



69A300



172400

Inverse Universe

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



5618C7



5A00FF



AD18C7



5D5A63



3A00A3



0D0024

Previews

White Background



This preview shows how the Hex color 89C718 looks on a white background.

Color Contrast Check

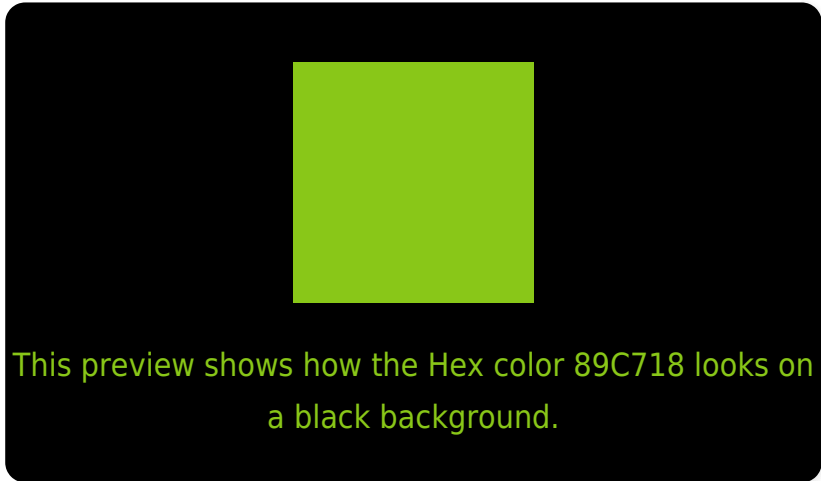
Large Text (above 18pt) WCAG AA × Fail

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 89C718 Background



This preview shows how black text looks on a background with the Hex color 89C718.



This preview shows how white text looks on a background with the Hex color 89C718.

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
89C718

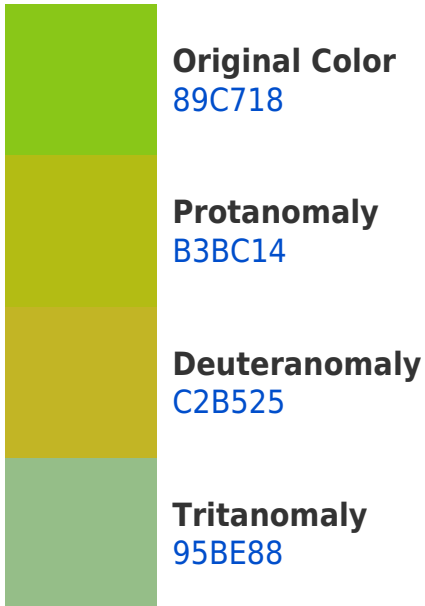
Protanopia
CBB511

Deuteranopia
E3AB2C

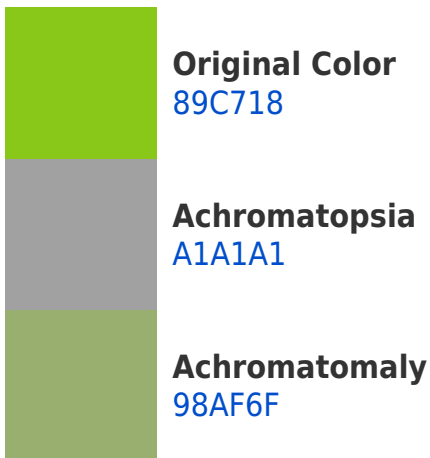


Tritanopia
9CB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89C718 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 #89C718 looks like.

```
.text, #text, p{  
    color:#89C718  
}
```

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 #89C718 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C718
}
```

Border

The CSS property to change the border of an element to Hex 89C718 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
#89C718 }
```

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

```
.border{ border-color:#89C718 }
```

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

Here you see how a box with a 4 pixel #89C718 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C718; -webkit-box-shadow:4px 4px  
4px 4px #89C718; box-shadow:4px 4px 4px  
4px #89C718 }
```

Background

The CSS property to change the background color of an element to Hex 89C718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C718 }
```

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

```
.background{ background-color:#89C718 }
```

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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