

Converting Colors

Hex(89AC1E)

Have a look what the booklet for
Hex(89AC1E) contains.

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Color

Hex(89AC1E)

Conversions

Conversions Part 1

Format	Color
Hex	89AC1E
RGB	137, 172, 30
RGB Percent	54%, 67%, 12%
CMY	0.4627, 0.3255, 0.8824
CMYK	0.20, 0.00, 0.83, 0.33
HSL	75°, 70%, 40%
HSV	75°, 83%, 67%
XYZ	25.3034, 34.9172, 6.6344
YIQ	145.3470, 24.7220, -51.5820

Conversions

Conversions Part 2

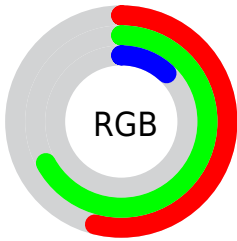
Format	Color
RYB	30, 172, 65
Decimal	9022494
CIELab	65.68, -30.44, 62.13
CIELCh	66, 69.189, 116.098
Yxy	34.9172, 0.3785, 0.5223
Android (android.graphics.Color)	4287212574 (0xFF89AC1E)
YUV	145.3470, -56.8661, -7.3203
Hunter-Lab	59.0907, -26.9728, 34.7068

Details

The Hex color **89AC1E** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **411EAC**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C2E359**, and **527800** is the 20% darker color. If you saturate the color by 10%, you get **85AC0D**, and if you desaturate by 10%, it is **8DAC2F**.

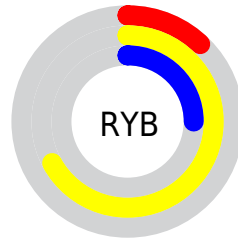
Distribution



Red (54%)

Green (67%)

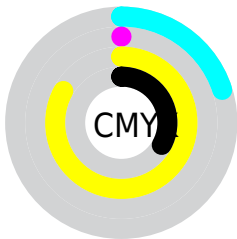
Blue (12%)



Red (12%)

Yellow (67%)

Blue (25%)

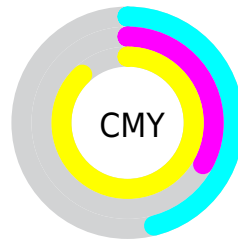


Cyan (20%)

Magenta (0%)

Yellow (83%)

Black (33%)



Cyan (46%)

Magenta (33%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89AC1E 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 89AC1E by changing the saturation by 10% instead.

 89AC1E

 89AC1E

FFFFFF

 6D9100

 C2E359

 527800

 DFFF74

 385F00

 FDF990

 1A4700

 FFFFAC

 003000

 FFFFC8

 001C00

 FFFFEE

 000000

 89AC1E

 89AC1E

 85AC0D

 8DAC2F

■ 82AC00

■ 91AC40

■ 96AC52

■ 9AAC63

■ 9EAC74

■ A2AC85

■ A7AC96

■ ABACA8

■ AFACB9

Harmonies

Analogous

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



C59A04



89AC1E



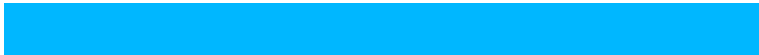
28B756

Triad

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



89AC1E



00B7FF



FF62AA

Complementary

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



89AC1E



411EAC

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.



E276E6



89AC1E



00A9FF

Square

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



89AC1E



00BCD4



8F93FF



FF686D

Rectangle

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



89AC1E



00BB80



8F93FF



FF66BF

Sweetspot

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



89AC1E



D3E0A8



AC3F1E



68704F



F0F0F0



707070

Same Dimension

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



89AC1E



AAE002



44AC1E



55574E



719600



111700

Inverse Universe

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



411EAC



3902E0



861EAC



504E57



250096



060017

Previews

White Background



This preview shows how the Hex color 89AC1E looks on a white background.

Color Contrast Check

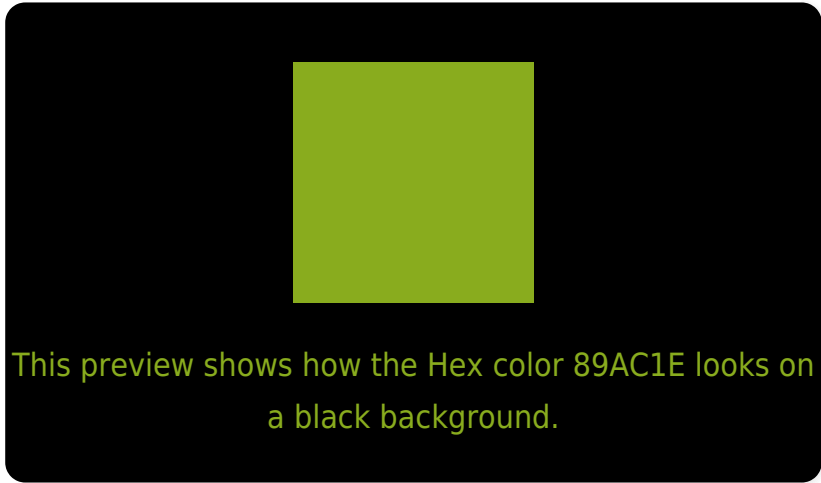
Large Text (above 18pt) WCAG AA × Fail

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 89AC1E Background



This preview shows how black text looks on a background with the Hex color 89AC1E.

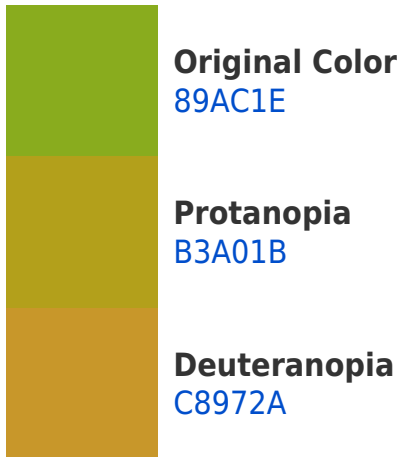


This preview shows how white text looks on a background with the Hex color 89AC1E.

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](#).

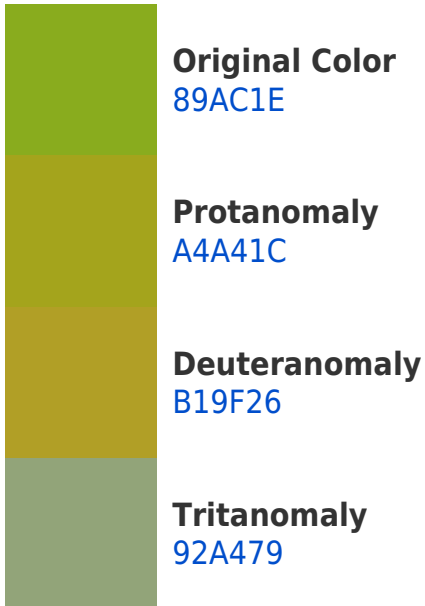
Dichromacy





Tritanopia
97A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89AC1E 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 #89AC1E looks like.

```
.text, #text, p{  
    color:#89AC1E  
}
```

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 #89AC1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AC1E
}
```

Border

The CSS property to change the border of an element to Hex 89AC1E 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
#89AC1E }
```

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

```
.border{ border-color:#89AC1E }
```

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

Here you see how a box with a 4 pixel #89AC1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AC1E; -webkit-box-shadow:4px 4px  
4px 4px #89AC1E; box-shadow:4px 4px 4px  
4px #89AC1E }
```

Background

The CSS property to change the background color of an element to Hex 89AC1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AC1E }
```

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

```
.background{ background-color:#89AC1E }
```

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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