

Converting Colors

Hex(89AF2A)

Have a look what the booklet for
Hex(89AF2A) contains.

Hex(89AF2A)	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(89AF2A)

Conversions

Conversions Part 1

Format	Color
Hex	89AF2A
RGB	137, 175, 42
RGB Percent	54%, 69%, 16%
CMY	0.4627, 0.3137, 0.8353
CMYK	0.22, 0.00, 0.76, 0.31
HSL	77°, 61%, 43%
HSV	77°, 76%, 69%
XYZ	26.0644, 36.1455, 7.7935
YIQ	148.4760, 20.0450, -49.4190

Conversions

Conversions Part 2

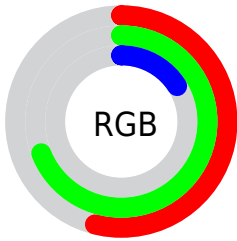
Format	Color
RYB	42, 175, 80
Decimal	9023274
CIELab	66.63, -31.33, 59.43
CIELCh	67, 67.178, 117.795
Yxy	36.1455, 0.3723, 0.5163
Android (android.graphics.Color)	4287213354 (0xFF89AF2A)
YUV	148.4760, -52.4927, -10.0645
Hunter-Lab	60.1211, -27.8265, 34.3990

Details

The Hex color **89AF2A** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **502AAF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C2E762**, and **527A00** is the 20% darker color. If you saturate the color by 10%, you get **84AF19**, and if you desaturate by 10%, it is **8EAF3B**.

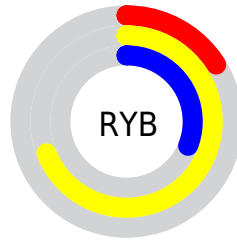
Distribution



Red (54%)

Green (69%)

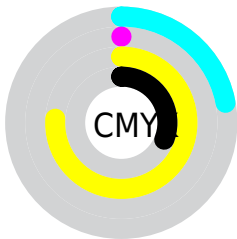
Blue (16%)



Red (16%)

Yellow (69%)

Blue (31%)

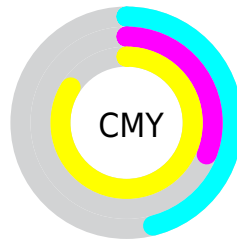


Cyan (22%)

Magenta (0%)

Yellow (76%)

Black (31%)



Cyan (46%)

Magenta (31%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89AF2A 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 89AF2A by changing the saturation by 10% instead.

 89AF2A

 89AF2A

FFFFFF

 6D9401

 C2E762

 527A00

 DFFF7D

 386100

 FCFF99

 1B4900

 FFFFB5

 003200

 FFFFDD

 001F00

 FFFFEE

 000000

 89AF2A

 89AF2A

 84AF19

 8EAF3B

■ 7FAF07

■ 93AF4D

■ 7DAF00

■ 98AF5F

■ 9DAF70

■ A2AF82

■ A7AF93

■ ACAFA4

■ B1AFB6

■ B6AFC8

Harmonies

Analogous

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



C49E15



89AF2A



2AB95E

Triad

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



89AF2A



00B8FF



FF67A9

Complementary

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



89AF2A



502AAF

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.



E779E3



89AF2A



00AAFF

Square

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



89AF2A



00BED9



9994FF



FF6E6D

Rectangle

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



89AF2A



00BD86



9994FF



FF6BBB

Sweetspot

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



89AF2A



D4E3AF



AF502A



6A7353



F2F2F2



737373

Same Dimension

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



89AF2A



A8E314



47AF2A



54574E



6B9600



101700

Inverse Universe

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



502AAF



4F14E3



922AAF



514E57



2B0096



070017

Previews

White Background



This preview shows how the Hex color 89AF2A looks on a white background.

Color Contrast Check

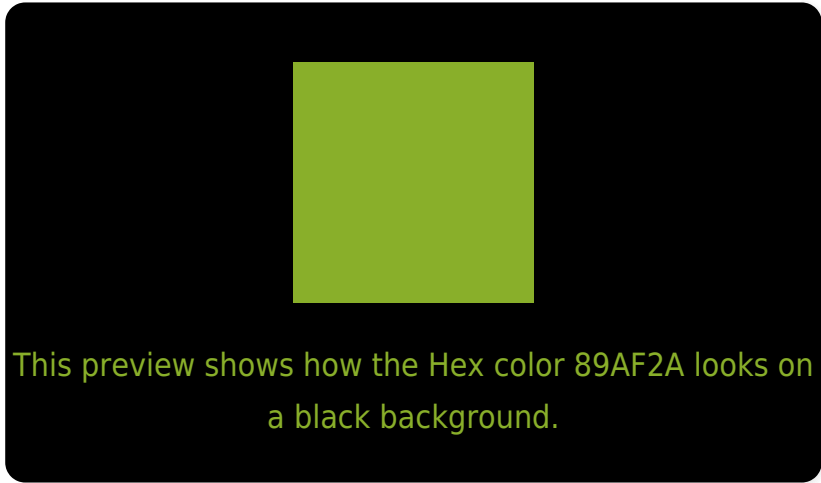
Large Text (above 18pt) WCAG AA × Fail

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 89AF2A Background



This preview shows how black text looks on a background with the Hex color 89AF2A.

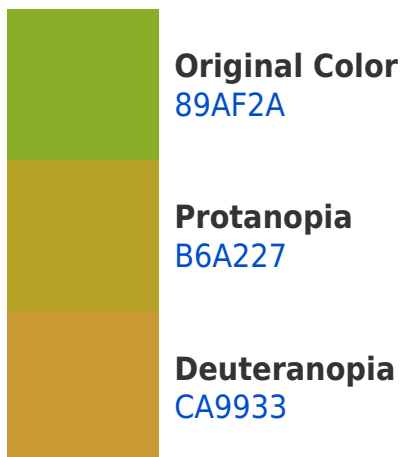


This preview shows how white text looks on a background with the Hex color 89AF2A.

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](#).

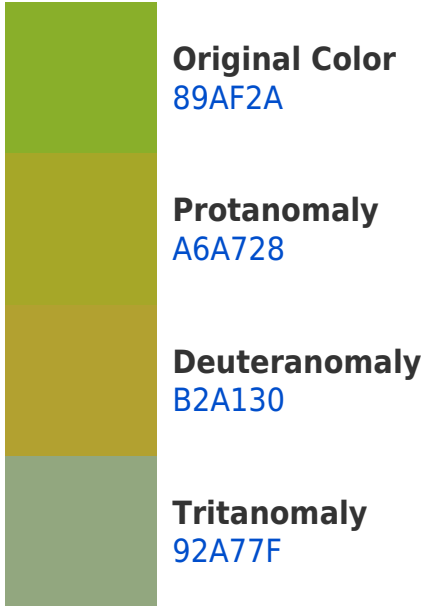
Dichromacy



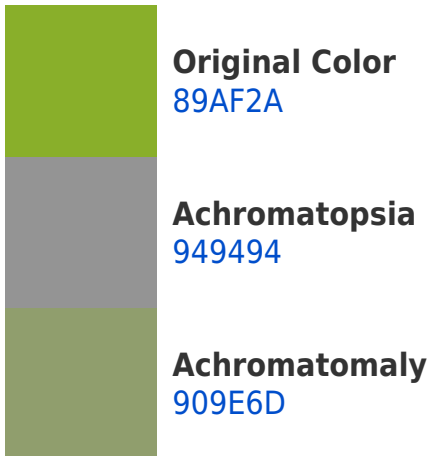


Tritanopia
97A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89AF2A 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 #89AF2A looks like.

```
.text, #text, p{  
    color:#89AF2A  
}
```

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 #89AF2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AF2A
}
```

Border

The CSS property to change the border of an element to Hex 89AF2A 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
#89AF2A }
```

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

```
.border{ border-color:#89AF2A }
```

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

Here you see how a box with a 4 pixel #89AF2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AF2A; -webkit-box-shadow:4px 4px  
4px 4px #89AF2A; box-shadow:4px 4px 4px  
4px #89AF2A }
```

Background

The CSS property to change the background color of an element to Hex 89AF2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AF2A }
```

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

```
.background{ background-color:#89AF2A }
```

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