

Converting Colors

Hex(89AB4F)

Have a look what the booklet for
Hex(89AB4F) contains.

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Color

Hex(89AB4F)

Conversions

Conversions Part 1

Format	Color
Hex	89AB4F
RGB	137, 171, 79
RGB Percent	54%, 67%, 31%
CMY	0.4627, 0.3294, 0.6902
CMYK	0.20, 0.00, 0.54, 0.33
HSL	82°, 37%, 49%
HSV	82°, 54%, 67%
XYZ	26.2907, 35.0087, 12.7688
YIQ	150.3460, 9.2680, -35.8200

Conversions

Conversions Part 2

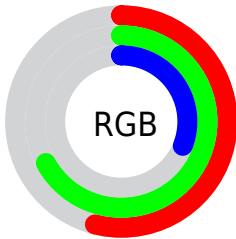
Format	Color
RYB	79, 171, 113
Decimal	9022287
CIELab	65.76, -26.61, 43.06
CIELCh	66, 50.623, 121.717
Yxy	35.0087, 0.3550, 0.4727
Android (android.graphics.Color)	4287212367 (0xFF89AB4F)
YUV	150.3460, -35.1736, -11.7044
Hunter-Lab	59.1681, -24.2297, 28.6226

Details

The Hex color **89AB4F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **714FAB**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C0E283**, and **54771C** is the 20% darker color. If you saturate the color by 10%, you get **83AB3E**, and if you desaturate by 10%, it is **8FAB60**.

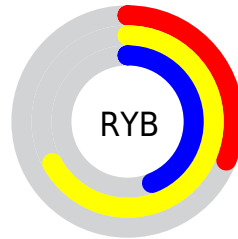
Distribution



Red (54%)

Green (67%)

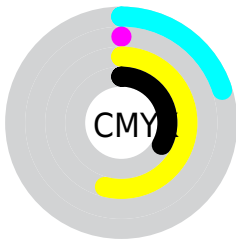
Blue (31%)



Red (31%)

Yellow (67%)

Blue (44%)

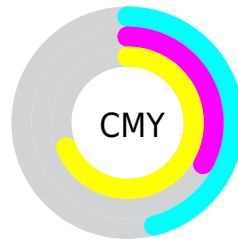


Cyan (20%)

Magenta (0%)

Yellow (54%)

Black (33%)



Cyan (46%)

Magenta (33%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89AB4F 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 89AB4F by changing the saturation by 10% instead.



89AB4F



89AB4F

FFFFFF



6E9036



C0E283



54771C



DDFF9D



3B5E00



FAFFB9



234600



FFFFD5



052F00



FFFFFF2



001D00



000000



89AB4F



89AB4F



83AB3E



8FAB60

 7CAB2D

 96AB71

 76AB1C

 9CAB82

 70AB0B

 A2AB93

 6CAB00

 A9ABA4

 AFABB6

 B5ABC7

 BCABD8

 C2ABE9

Harmonies

Analogous

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



B79E41



89AB4F



4CB373

Triad

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



89AB4F



00B0EF



F2799F

Complementary

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



89AB4F



714FAB

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.



DA81CC



89AB4F



4EA4FA

Square

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



89AB4F



00B6CE



A693ED



F27E72

Rectangle

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



89AB4F



00B691



A693ED



ED7AAE

Sweetspot

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



89AB4F



D1DEBA



AB714F



68705B



F0F0F0



707070

Same Dimension

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



89AB4F



A9DE4E



5BAB4F



53574E



5F9600



0E1700

Inverse Universe

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



714FAB



834EDE



9F4FAB



514E57



380096



080017

Previews

White Background



This preview shows how the Hex color 89AB4F looks on a white background.

Color Contrast Check

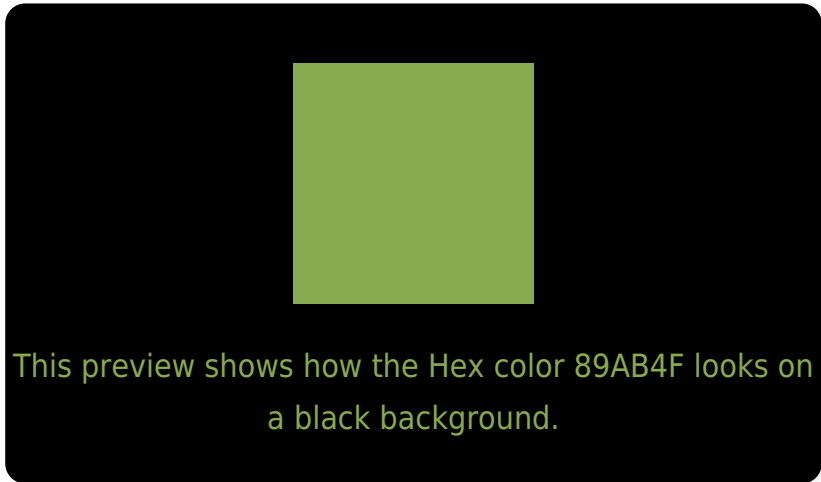
Large Text (above 18pt) WCAG AA × Fail

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

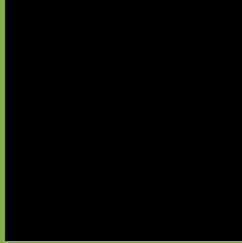
Any Text WCAG AA ✓ Pass

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 89AB4F Background



This preview shows how black text looks on a background with the Hex color 89AB4F.

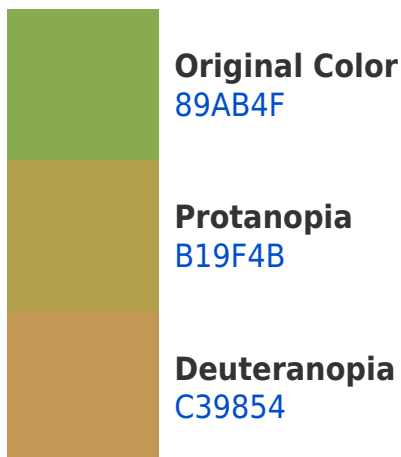


This preview shows how white text looks on a background with the Hex color 89AB4F.

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](#).

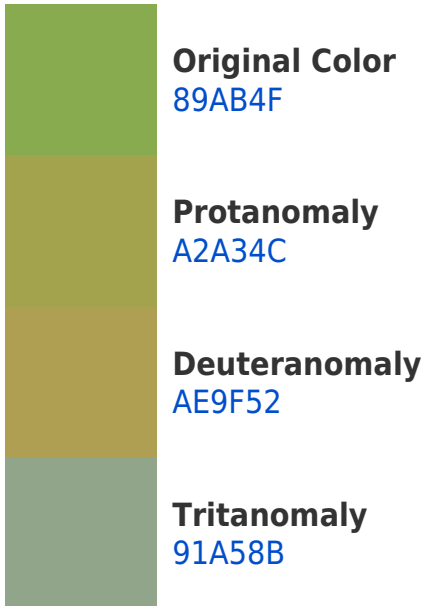
Dichromacy



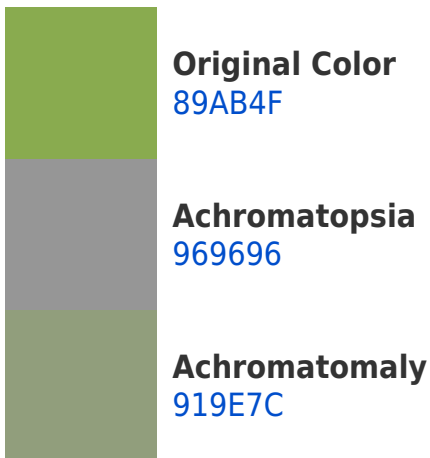


Tritanopia
95A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89AB4F 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 #89AB4F looks like.

```
.text, #text, p{  
    color:#89AB4F  
}
```

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 #89AB4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AB4F
}
```

Border

The CSS property to change the border of an element to Hex 89AB4F 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
#89AB4F }
```

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

```
.border{ border-color:#89AB4F }
```

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

Here you see how a box with a 4 pixel #89AB4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AB4F; -webkit-box-shadow:4px 4px  
4px 4px #89AB4F; box-shadow:4px 4px 4px  
4px #89AB4F }
```

Background

The CSS property to change the background color of an element to Hex 89AB4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AB4F }
```

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

```
.background{ background-color:#89AB4F }
```

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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