

Converting Colors

Hex(89AB6F)

Have a look what the booklet for
Hex(89AB6F) contains.

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Color

Hex(89AB6F)

Conversions

Conversions Part 1

Format	Color
Hex	89AB6F
RGB	137, 171, 111
RGB Percent	54%, 67%, 44%
CMY	0.4627, 0.3294, 0.5647
CMYK	0.20, 0.00, 0.35, 0.33
HSL	94°, 26%, 55%
HSV	94°, 35%, 67%
XYZ	27.7487, 35.5919, 20.4463
YIQ	153.9940, -1.0040, -25.8680

Conversions

Conversions Part 2

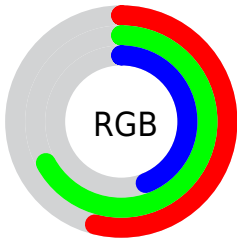
Format	Color
R_{YB}	111, 171, 145
Decimal	9022319
CIE Lab	66.21, -22.65, 27.21
CIE LCh	66, 35.399, 129.772
Yxy	35.5919, 0.3312, 0.4248
Android (android.graphics.Color)	4287212399 (0xFF89AB6F)
YUV	153.9940, -21.1960, -14.9037
Hunter-Lab	59.6589, -21.3789, 21.4414

Details

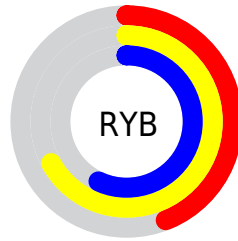
The Hex color **89AB6F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **916FAB**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BFE2A3**, and **56773E** is the 20% darker color. If you saturate the color by 10%, you get **7FAB5E**, and if you desaturate by 10%, it is **93AB80**.

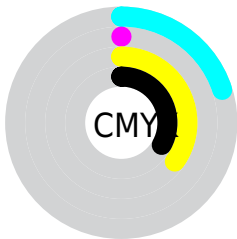
Distribution



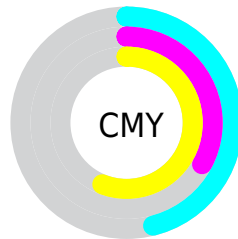
- Red (54%)
- Green (67%)
- Blue (44%)



- Red (44%)
- Yellow (67%)
- Blue (57%)



- Cyan (20%)
- Magenta (0%)
- Yellow (35%)
- Black (33%)



- Cyan (46%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89AB6F 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 89AB6F by changing the saturation by 10% instead.

89AB6F

89AB6F

FFFFFF

6F9056

BFE2A3

56773E

DBFFBE

3D5E27

F8FFDA

264611

FFFFFF7

112F00

001C00

000000

89AB6F

89AB6F

7FAB5E

93AB80

 76AB4D

 9CAB91

 6CAB3C

 A6ABA2

 62AB2B

 B0ABB3

 59AB19

 B9ABC4

 4FAB08

 C3ABD6

 4AAB00

 CDABE7

 D7ABF8

 E0ABFF

Harmonies

Analogous

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



ACA261



89AB6F



62B08A

Triad

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



89AB6F



4EAADC



DF8898

Complementary

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



89AB6F



916FAB

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.



D18BB8



89AB6F



84A1DF

Square

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



89AB6F



20B0C9



B295D2



DB8D7A

Rectangle

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



89AB6F



45B2A0



B295D2



DC88A2

Sweetspot

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



89AB6F



D0DEC5



AB916F



687062



F0F0F0



707070

Same Dimension

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



89AB6F



A9DE81



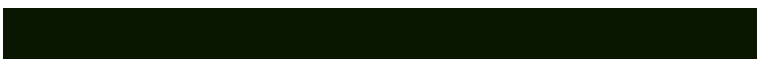
6FAB73



52574E



419600



0A1700

Inverse Universe

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



916FAB



B581DE



AB6FA7



534E57



550096



0D0017

Previews

White Background



This preview shows how the Hex color 89AB6F looks on a white background.

Color Contrast Check

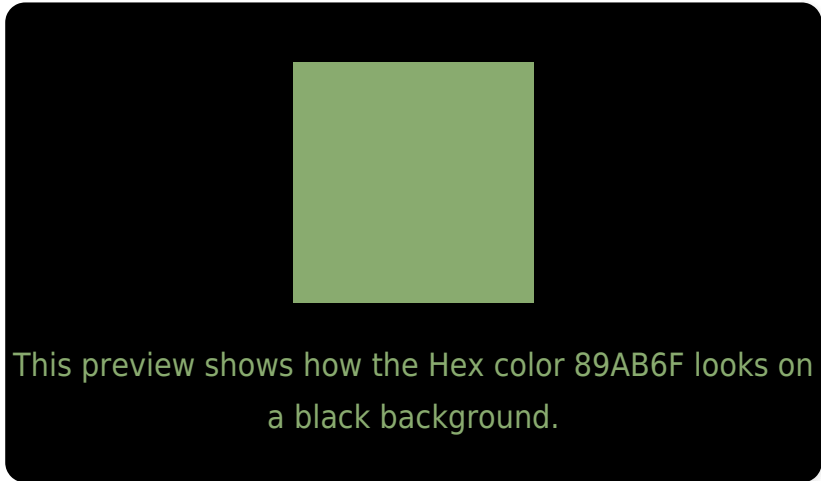
Large Text (above 18pt) WCAG AA × Fail

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

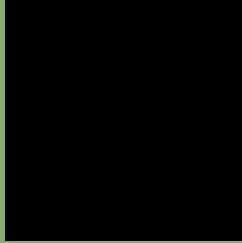
Any Text WCAG AA ✓ Pass

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 89AB6F Background



This preview shows how black text looks on a background with the Hex color 89AB6F.

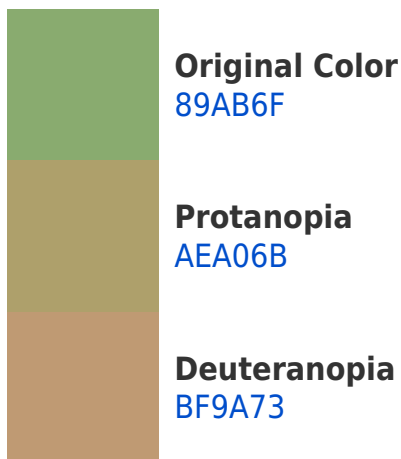


This preview shows how white text looks on a background with the Hex color 89AB6F.

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](#).

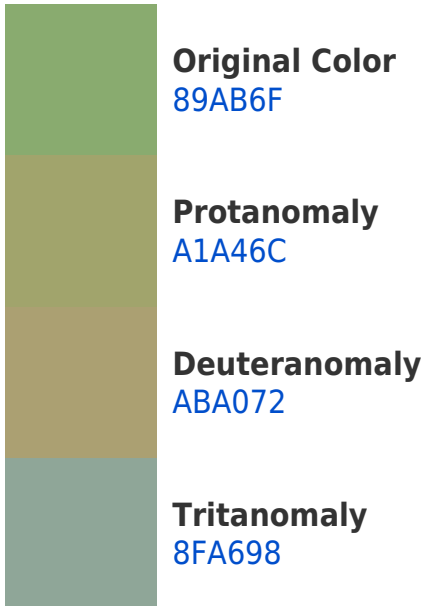
Dichromacy



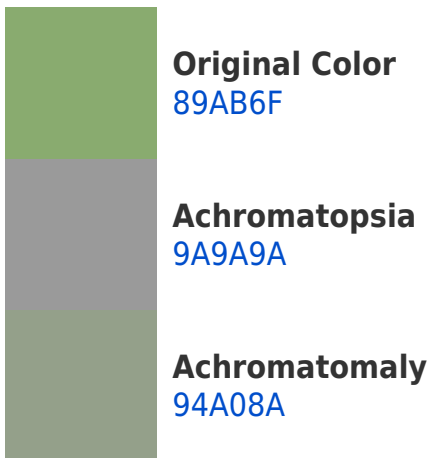


Tritanopia
93A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89AB6F 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 #89AB6F looks like.

```
.text, #text, p{  
    color:#89AB6F  
}
```

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 #89AB6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AB6F  
}
```

Border

The CSS property to change the border of an element to Hex 89AB6F 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  
#89AB6F }
```

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

```
.border{ border-color:#89AB6F }
```

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

Here you see how a box with a 4 pixel #89AB6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AB6F; -webkit-box-shadow:4px 4px  
4px 4px #89AB6F; box-shadow:4px 4px 4px  
4px #89AB6F }
```

Background

The CSS property to change the background color of an element to Hex 89AB6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AB6F }
```

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

```
.background{ background-color:#89AB6F }
```

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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