

Converting Colors

Hex(89BF5E)

Have a look what the booklet for
Hex(89BF5E) contains.

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Color

Hex(89BF5E)

Conversions

Conversions Part 1

Format	Color
Hex	89BF5E
RGB	137, 191, 94
RGB Percent	54%, 75%, 37%
CMY	0.4627, 0.2510, 0.6314
CMYK	0.28, 0.00, 0.51, 0.25
HSL	93°, 43%, 56%
HSV	93°, 51%, 75%
XYZ	30.9677, 43.3881, 17.3322
YIQ	163.7960, -1.0470, -41.6150

Conversions

Conversions Part 2

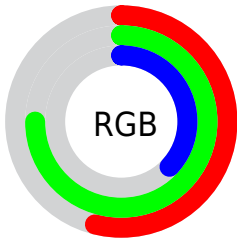
Format	Color
R_{YB}	94, 191, 148
Decimal	9027422
CIE _{Lab}	71.82, -34.47, 43.02
CIE _{LCh}	72, 55.125, 128.705
Yxy	43.3881, 0.3378, 0.4732
Android (android.graphics.Color)	4287217502 (0xFF89BF5E)
YUV	163.7960, -34.4094, -23.5001
Hunter-Lab	65.8697, -31.3526, 30.5078

Details

The Hex color **89BF5E** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **945EBF**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C1F892**, and **54892B** is the 20% darker color. If you saturate the color by 10%, you get **7EBF4B**, and if you desaturate by 10%, it is **94BF71**.

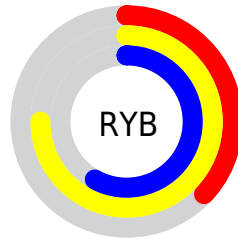
Distribution



Red (54%)

Green (75%)

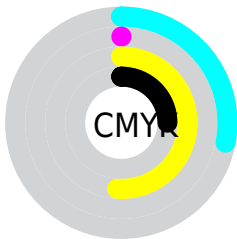
Blue (37%)



Red (37%)

Yellow (75%)

Blue (58%)

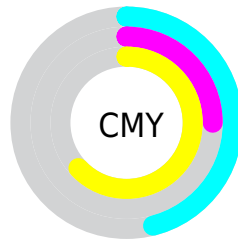


Cyan (28%)

Magenta (0%)

Yellow (51%)

Black (25%)



Cyan (46%)

Magenta (25%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89BF5E 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 89BF5E by changing the saturation by 10% instead.



89BF5E



89BF5E

FFFFFF



6EA445



C1F892



54892B



DFFFAE



396F10



FAFFCA



1E5700



FFFFE6



003F00



002900



000C00



000000



89BF5E



89BF5E

 7EBF4B

 94BF71

 74BF38

 9EBF84

 69BF25

 A9BF97

 5EBF12

 B4BFAA

 55BF00

 BEBFBE

 C9BFD1

 D3BFE4

 DEBFF7

 E9BFFF

Harmonies

Analogous

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



BFB248



89BF5E



3AC78A

Triad

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



89BF5E



00BFFF



FF84A3

Complementary

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



89BF5E



945EBF

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.



F98BD6



89BF5E



72B0FF

Square

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



89BF5E



00C7EE



C79DFE



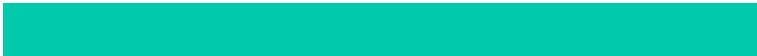
FF8E74

Rectangle

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



89BF5E



00C9AC



C79DFF



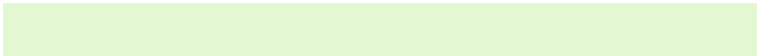
FF85B4

Sweetspot

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



89BF5E



E3F7D2



BF935E



707D66



FCFCFC



7D7D7D

Same Dimension

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



89BF5E



A3F760



5EBF63



595E55



469E00



0E1F00

Inverse Universe

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



945EBF



B460F7



BF5EBA



5A555E



58009E



11001F

Previews

White Background



This preview shows how the Hex color 89BF5E looks on a white background.

Color Contrast Check

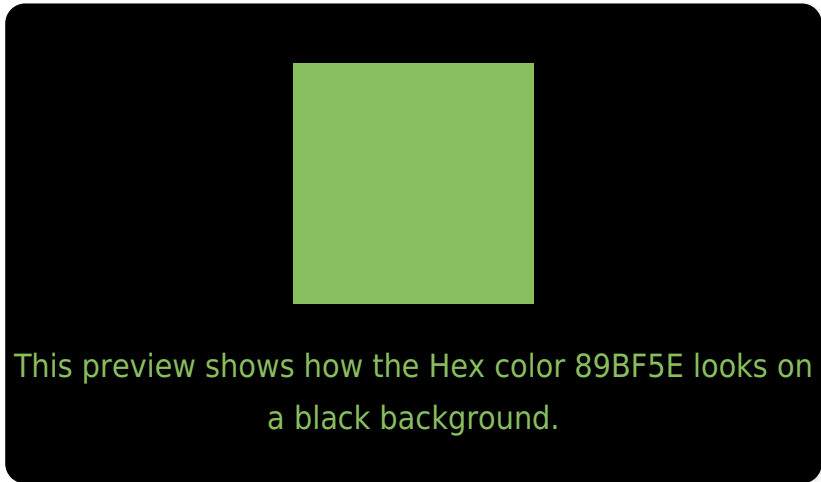
Large Text (above 18pt) WCAG AA × Fail

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 89BF5E Background



This preview shows how black text looks on a background with the Hex color 89BF5E.

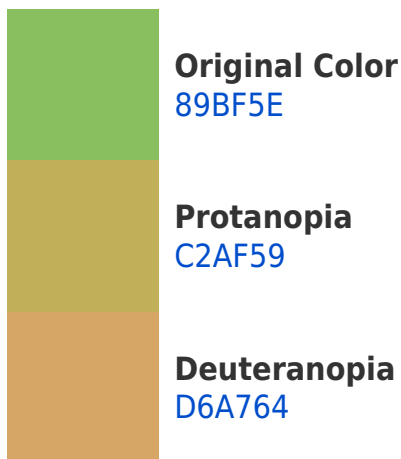


This preview shows how white text looks on a background with the Hex color 89BF5E.

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](#).

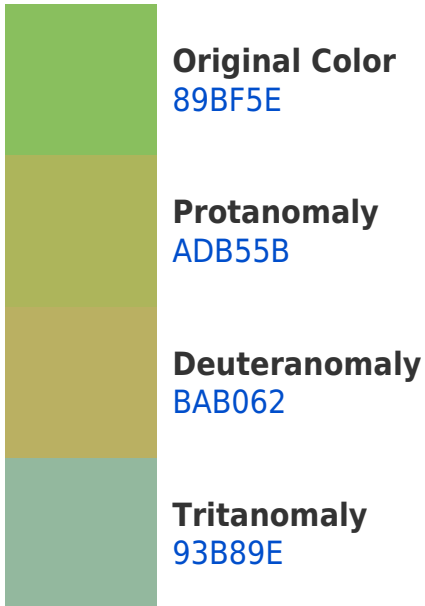
Dichromacy



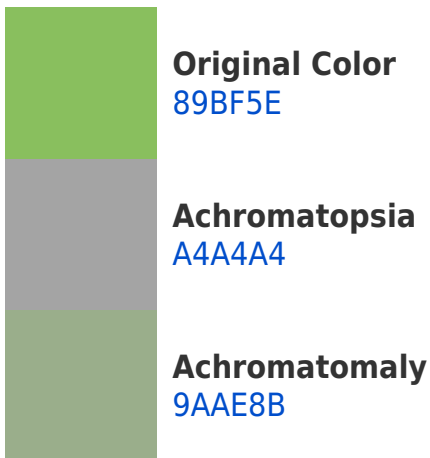


Tritanopia
98B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89BF5E 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 #89BF5E looks like.

```
.text, #text, p{  
    color:#89BF5E  
}
```

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 #89BF5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89BF5E
}
```

Border

The CSS property to change the border of an element to Hex 89BF5E 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
#89BF5E }
```

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

```
.border{ border-color:#89BF5E }
```

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

Here you see how a box with a 4 pixel #89BF5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89BF5E; -webkit-box-shadow:4px 4px  
4px 4px #89BF5E; box-shadow:4px 4px 4px  
4px #89BF5E }
```

Background

The CSS property to change the background color of an element to Hex 89BF5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89BF5E }
```

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

```
.background{ background-color:#89BF5E }
```

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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