

Converting Colors

Hex(89A767)

Have a look what the booklet for
Hex(89A767) contains.

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Color

Hex(89A767)

Conversions

Conversions Part 1

Format	Color
Hex	89A767
RGB	137, 167, 103
RGB Percent	54%, 65%, 40%
CMY	0.4627, 0.3451, 0.5961
CMYK	0.18, 0.00, 0.38, 0.35
HSL	88°, 27%, 53%
HSV	88°, 38%, 65%
XYZ	26.5834, 33.9351, 17.9810
YIQ	150.7340, 2.6640, -26.2640

Conversions

Conversions Part 2

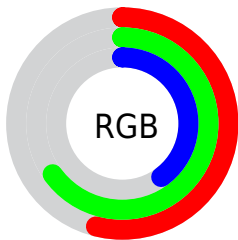
Format	Color
RYB	103, 167, 133
Decimal	9021287
CIELab	64.91, -21.77, 29.77
CIELCh	65, 36.884, 126.172
Yxy	33.9351, 0.3386, 0.4323
Android (android.graphics.Color)	4287211367 (0xFF89A767)
YUV	150.7340, -23.5329, -12.0447
Hunter-Lab	58.2538, -20.4879, 22.4768

Details

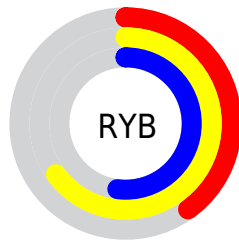
The Hex color **89A767** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8567A7**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BFDE9B**, and **567337** is the 20% darker color. If you saturate the color by 10%, you get **81A756**, and if you desaturate by 10%, it is **91A778**.

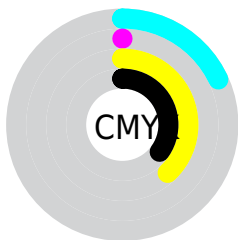
Distribution



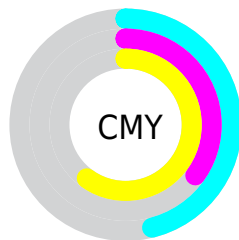
- Red (54%)
- Green (65%)
- Blue (40%)



- Red (40%)
- Yellow (65%)
- Blue (52%)



- Cyan (18%)
- Magenta (0%)
- Yellow (38%)
- Black (35%)



- Cyan (46%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89A767 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 89A767 by changing the saturation by 10% instead.



89A767



89A767

FFFFFF



6F8D4E



BFDE9B



567337



DBFBB6



3D5A20



F8FFD2



264308



FFFEE



102C00



001A00



000000



89A767



89A767



81A756



91A778

 79A746

 99A788

 72A735

 A0A799

 6AA724

 A8A7AA

 62A714

 B0A7BB

 5AA703

 B8A7CB

 59A700

 C0A7DC

 C8A7ED

 CFA7FD

Harmonies

Analogous

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



AC9E5B



89A767



60AD82

Triad

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



89A767



3AA8D9



DD8398

Complementary

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



89A767



8567A7

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.



CD88B9



89A767



789EDF

Square

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



89A767



00AEC3



AA92D3



DA8878

Rectangle

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



89A767



40AF98



AA92D3



D984A3

Sweetspot

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



89A767



CED9C1



A78567



676E5F



EDEDED



6E6E6E

Same Dimension

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



89A767



AAD975



69A767



50544C



4F9400



0B1400

Inverse Universe

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



8567A7



A475D9



A567A7



504C54



450094



0A0014

Previews

White Background



This preview shows how the Hex color 89A767 looks on a white background.

Color Contrast Check

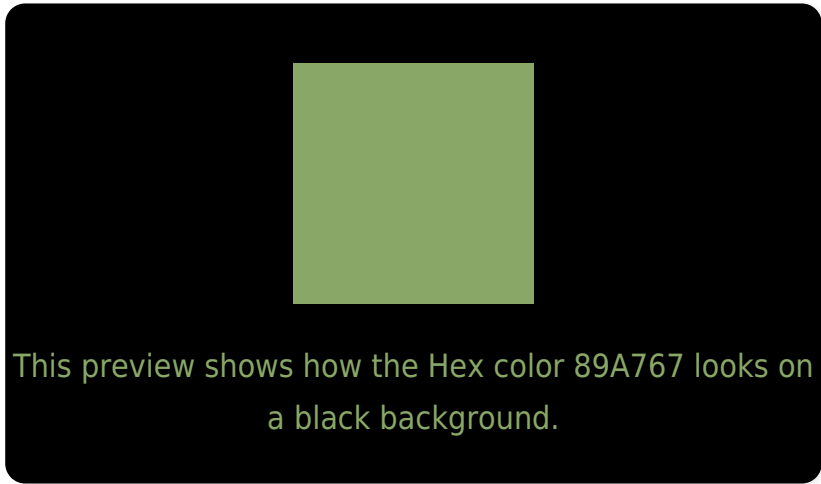
Large Text (above 18pt) WCAG AA × Fail

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

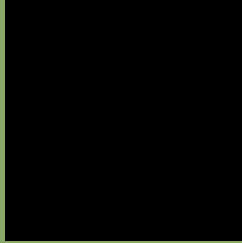
Any Text WCAG AA ✓ Pass

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 89A767 Background



This preview shows how black text looks on a background with the Hex color 89A767.

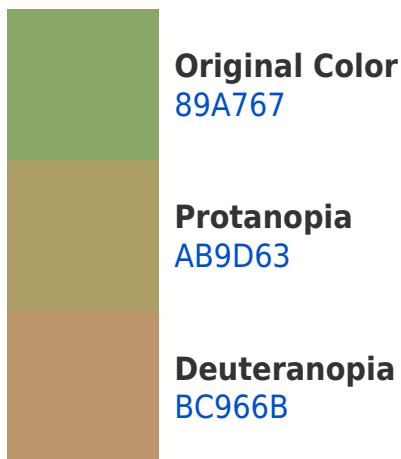


This preview shows how white text looks on a background with the Hex color 89A767.

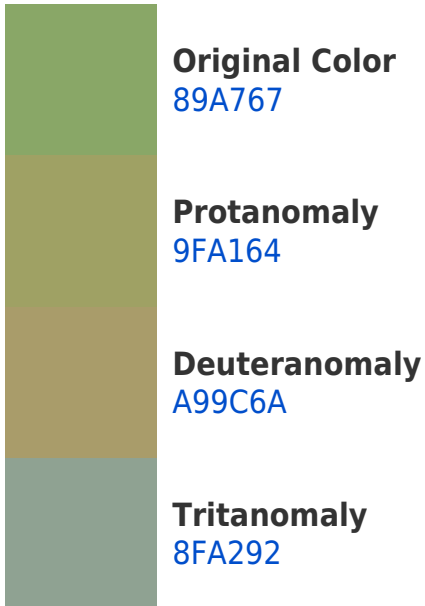
Color Blindness Simulation

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](#).

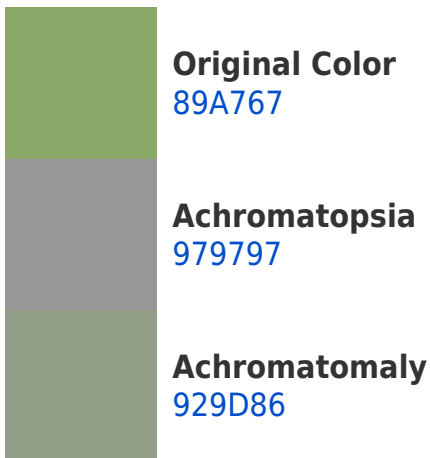
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89A767 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 #89A767 looks like.

```
.text, #text, p{  
    color:#89A767  
}
```

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 #89A767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A767  
}
```

Border

The CSS property to change the border of an element to Hex 89A767 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  
#89A767 }
```

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

```
.border{ border-color:#89A767 }
```

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

Here you see how a box with a 4 pixel #89A767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A767; -webkit-box-shadow:4px 4px  
4px 4px #89A767; box-shadow:4px 4px 4px  
4px #89A767 }
```

Background

The CSS property to change the background color of an element to Hex 89A767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A767 }
```

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

```
.background{ background-color:#89A767 }
```

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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