

Converting Colors

Hex(89AA63)

Have a look what the booklet for
Hex(89AA63) contains.

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Color

Hex(89AA63)

Conversions

Conversions Part 1

Format	Color
Hex	89AA63
RGB	137, 170, 99
RGB Percent	54%, 67%, 39%
CMY	0.4627, 0.3333, 0.6118
CMYK	0.19, 0.00, 0.42, 0.33
HSL	88°, 29%, 53%
HSV	88°, 42%, 67%
XYZ	26.9434, 34.9687, 17.1339
YIQ	152.0390, 3.1230, -29.0770

Conversions

Conversions Part 2

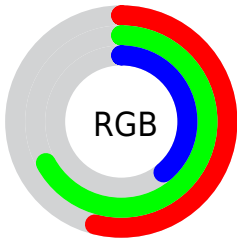
Format	Color
RYB	99, 170, 132
Decimal	9022051
CIELab	65.72, -23.81, 32.93
CIELCh	66, 40.632, 125.866
Yxy	34.9687, 0.3409, 0.4424
Android (android.graphics.Color)	4287212131 (0xFF89AA63)
YUV	152.0390, -26.1482, -13.1892
Hunter-Lab	59.1343, -22.1550, 24.2150

Details

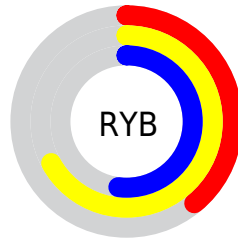
The Hex color **89AA63** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8463AA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **BFE197**, and **557632** is the 20% darker color. If you saturate the color by 10%, you get **81AA52**, and if you desaturate by 10%, it is **91AA74**.

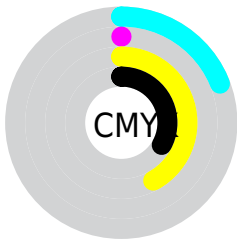
Distribution



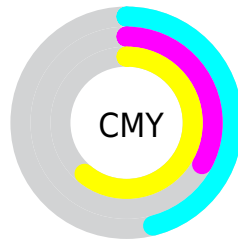
- Red (54%)
- Green (67%)
- Blue (39%)



- Red (39%)
- Yellow (67%)
- Blue (52%)



- Cyan (19%)
- Magenta (0%)
- Yellow (42%)
- Black (33%)



- Cyan (46%)
- Magenta (33%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89AA63 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 89AA63 by changing the saturation by 10% instead.



89AA63



89AA63

FFFFFF



6F8F4A



BFE197



557632



DCFEB2



3D5D1B



F9FFCE



254502



FFFFEA



0D2E00



001C00



000000



89AA63



89AA63



81AA52



91AA74

 79AA41

 99AA85

 71AA30

 A1AA96

 69AA1F

 A9AAA7

 61AA0E

 B1AAB8

 5BAA00

 B8AAC9

 C0AADA

 C8AAEB

 D0AAFC

Harmonies

Analogous

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



B0A056



89AA63



5BB081

Triad

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



89AA63



1CABE1



E5829A

Complementary

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



89AA63



8463AA

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.



D387BE



89AA63



74A1E8

Square

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



89AA63



00B1C9



AD93DB



E28777

Rectangle

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



89AA63



31B299



AD93DB



E183A6

Sweetspot

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



89AA63



D0DEC1



AA8363



68705E



F0F0F0



707070

Same Dimension

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



89AA63



AADE6F



67AA63



50544C



4F9400



0B1400

Inverse Universe

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



8463AA



A26FDE



A663AA



504C54



450094



090014

Previews

White Background



This preview shows how the Hex color 89AA63 looks on a white background.

Color Contrast Check

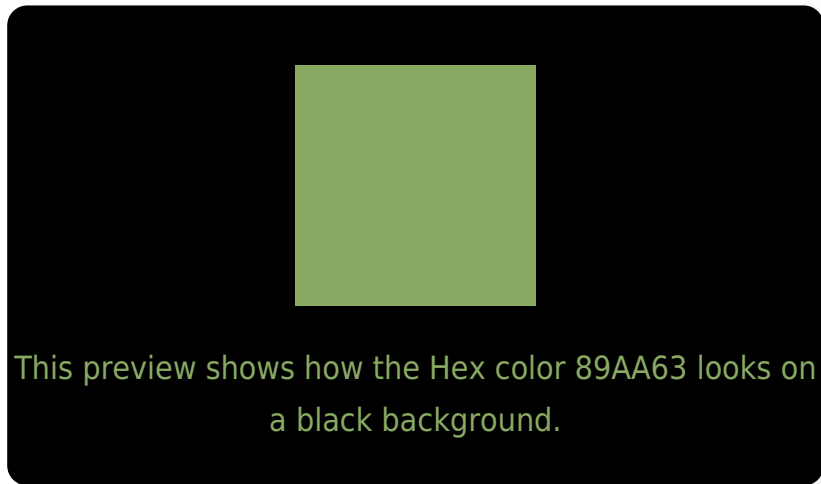
Large Text (above 18pt) WCAG AA × Fail

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 89AA63 Background



This preview shows how black text looks on a background with the Hex color 89AA63.

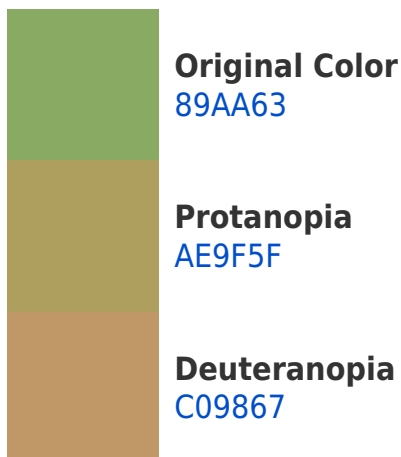


This preview shows how white text looks on a background with the Hex color 89AA63.

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](#).

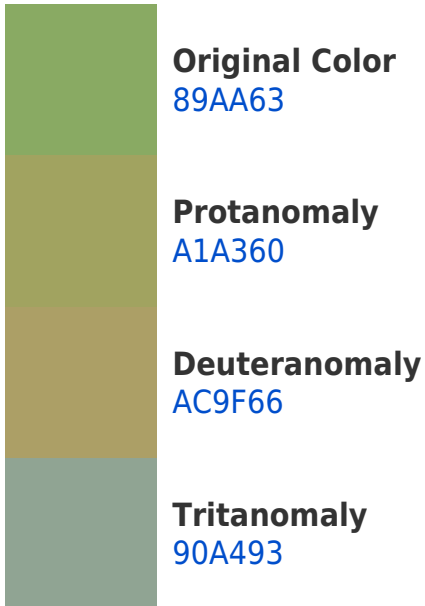
Dichromacy



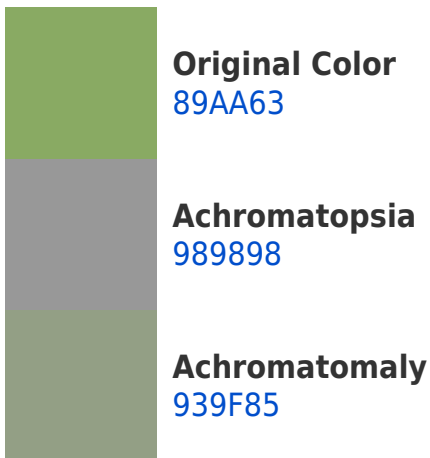


Tritanopia
94A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89AA63 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 #89AA63 looks like.

```
.text, #text, p{  
    color:#89AA63  
}
```

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 #89AA63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AA63
}
```

Border

The CSS property to change the border of an element to Hex 89AA63 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
#89AA63 }
```

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

```
.border{ border-color:#89AA63 }
```

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

Here you see how a box with a 4 pixel #89AA63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AA63; -webkit-box-shadow:4px 4px  
4px 4px #89AA63; box-shadow:4px 4px 4px  
4px #89AA63 }
```

Background

The CSS property to change the background color of an element to Hex 89AA63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AA63 }
```

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

```
.background{ background-color:#89AA63 }
```

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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