

Converting Colors

Hex(89AC55)

Have a look what the booklet for
Hex(89AC55) contains.

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Color

Hex(89AC55)

Conversions

Conversions Part 1

Format	Color
Hex	89AC55
RGB	137, 172, 85
RGB Percent	54%, 67%, 33%
CMY	0.4627, 0.3255, 0.6667
CMYK	0.20, 0.00, 0.51, 0.33
HSL	84°, 34%, 50%
HSV	84°, 51%, 67%
XYZ	26.7087, 35.4793, 14.0348
YIQ	151.6170, 7.0670, -34.4770

Conversions

Conversions Part 2

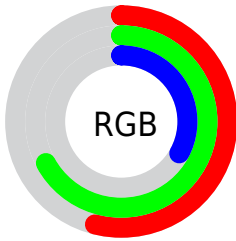
Format	Color
RYB	85, 172, 120
Decimal	9022549
CIELab	66.12, -26.47, 40.56
CIELCh	66, 48.430, 123.129
Yxy	35.4793, 0.3504, 0.4655
Android (android.graphics.Color)	4287212629 (0xFF89AC55)
YUV	151.6170, -32.8422, -12.8191
Hunter-Lab	59.5645, -24.1984, 27.7250

Details

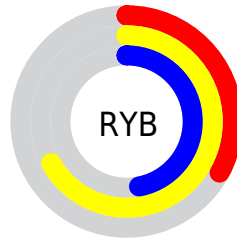
The Hex color **89AC55** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7855AC**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C0E489**, and **557823** is the 20% darker color. If you saturate the color by 10%, you get **82AC44**, and if you desaturate by 10%, it is **90AC66**.

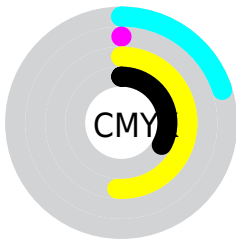
Distribution



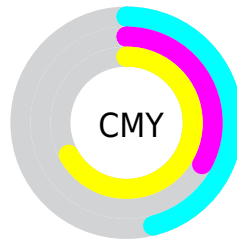
- Red (54%)
- Green (67%)
- Blue (33%)



- Red (33%)
- Yellow (67%)
- Blue (47%)



- Cyan (20%)
- Magenta (0%)
- Yellow (51%)
- Black (33%)



- Cyan (46%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89AC55 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 89AC55 by changing the saturation by 10% instead.

 89AC55

 89AC55

FFFFFF

 6F913C

 C0E489

 557823

 DCFFA4

 3B5F07

 F9FFBF

 234700

 FFFFDB

 063000

 FFFFF8

 001E00

 000000

 89AC55

 89AC55

 82AC44

 90AC66

 7BAC33

 97AC77

 74AC21

 9EAC89

 6DAC10

 A5AC9A

 67AC00

 ACACAB

 B3ACBC

 B9ACCD

 C0ACDF

 C7ACF0

Harmonies

Analogous

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



B6A047



89AC55



4FB478

Triad

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



89AC55



00AFED



F17C9E

Complementary

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



89AC55



7855AC

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.



DA83C9



89AC55



5CA4F7

Square

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



89AC55



00B6CF



AA94EA



EF8274

Rectangle

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



89AC55



00B695



AA94EA



EC7DAD

Sweetspot

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



89AC55



D3E0BF



AC7855



68705C



F0F0F0



707070

Same Dimension

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



89AC55



A9E058



5EAC55



53574E



5A9600



0E1700

Inverse Universe

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



7855AC



8F58E0



A355AC



524E57



3D0096



090017

Previews

White Background



This preview shows how the Hex color 89AC55 looks on a white background.

Color Contrast Check

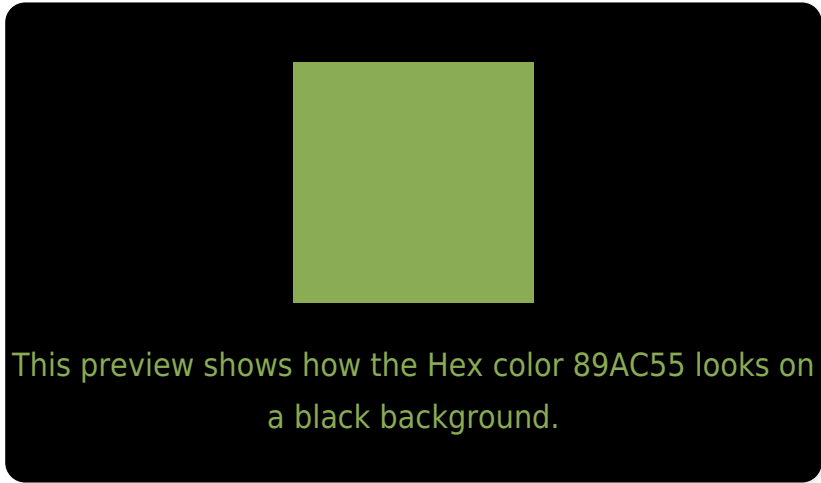
Large Text (above 18pt) WCAG AA × Fail

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 89AC55 Background



This preview shows how black text looks on a background with the Hex color 89AC55.

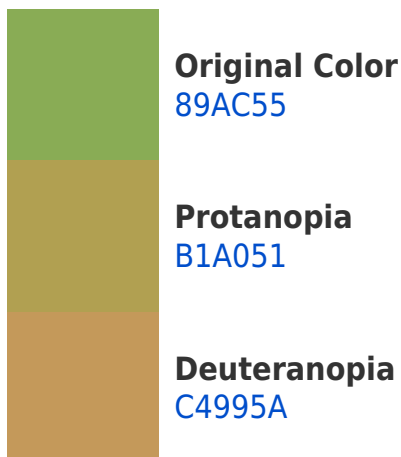


This preview shows how white text looks on a background with the Hex color 89AC55.

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](#).

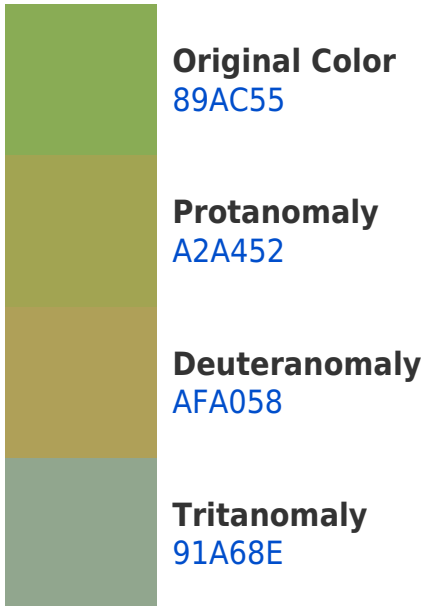
Dichromacy



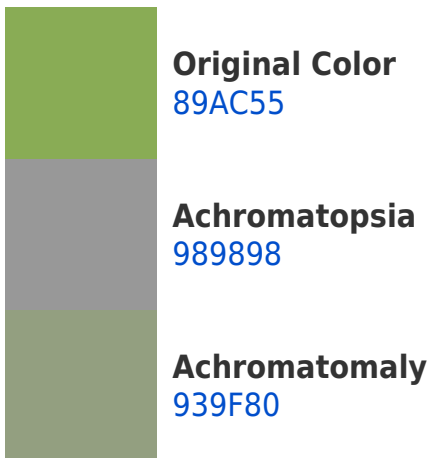


Tritanopia
95A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89AC55 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 #89AC55 looks like.

```
.text, #text, p{  
    color:#89AC55  
}
```

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 #89AC55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AC55  
}
```

Border

The CSS property to change the border of an element to Hex 89AC55 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  
#89AC55 }
```

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

```
.border{ border-color:#89AC55 }
```

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

Here you see how a box with a 4 pixel #89AC55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AC55; -webkit-box-shadow:4px 4px  
4px 4px #89AC55; box-shadow:4px 4px 4px  
4px #89AC55 }
```

Background

The CSS property to change the background color of an element to Hex 89AC55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AC55 }
```

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

```
.background{ background-color:#89AC55 }
```

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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