

Converting Colors

Hex(89C55E)

Have a look what the booklet for
Hex(89C55E) contains.

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Color

Hex(89C55E)

Conversions

Conversions Part 1

Format	Color
Hex	89C55E
RGB	137, 197, 94
RGB Percent	54%, 77%, 37%
CMY	0.4627, 0.2275, 0.6314
CMYK	0.30, 0.00, 0.52, 0.23
HSL	95°, 47%, 57%
HSV	95°, 52%, 77%
XYZ	32.3032, 46.0590, 17.7774
YIQ	167.3180, -2.6970, -44.7530

Conversions

Conversions Part 2

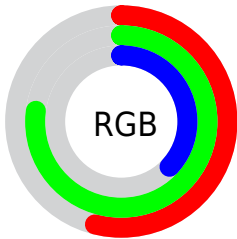
Format	Color
RYB	94, 197, 154
Decimal	9028958
CIELab	73.58, -37.21, 45.14
CIELCh	74, 58.500, 129.495
Yxy	46.0590, 0.3360, 0.4791
Android (android.graphics.Color)	4287219038 (0xFF89C55E)
YUV	167.3180, -36.1458, -26.5889
Hunter-Lab	67.8668, -33.8047, 31.9760

Details

The Hex color **89C55E** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **9A5EC5**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C1FE93**, and **538F2B** is the 20% darker color. If you saturate the color by 10%, you get **7EC54A**, and if you desaturate by 10%, it is **94C572**.

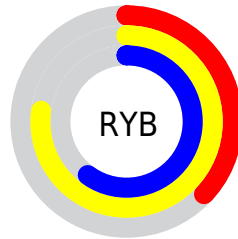
Distribution



Red (54%)

Green (77%)

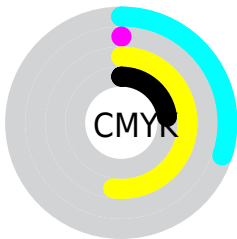
Blue (37%)



Red (37%)

Yellow (77%)

Blue (60%)

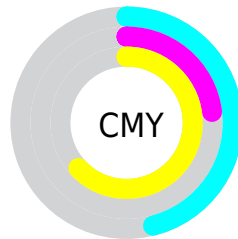


Cyan (30%)

Magenta (0%)

Yellow (52%)

Black (23%)



Cyan (46%)

Magenta (23%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89C55E 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 89C55E by changing the saturation by 10% instead.

 89C55E

 89C55E

FFFFFF

 6EAA44

 C1FE93

 538F2B

 DEFFAE

 38750E

 FBFFCA

 1B5C00

 FFFFE7

 004400

 002D00

 001500

 000000

 89C55E

 89C55E

 7EC54A

 94C572

 72C537

 A0C585

 67C523

 ABC599

 5BC50F

 B7C5AD

 52C500

 C2C5C1

 CEC5D4

 D9C5E8

 E5C5FC

 F0C5FF

Harmonies

Analogous

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



C3B745



89C55E



2CCD8D

Triad

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



89C55E



00C5FF



FF86A6

Complementary

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



89C55E



9A5EC5

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.



FF8CDC



89C55E



73B5FF

Square

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



89C55E



00CDF8



CFA0FF



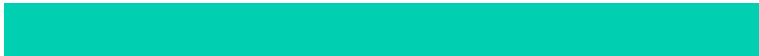
FF9173

Rectangle

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



89C55E



00CFB2



CFA0FF



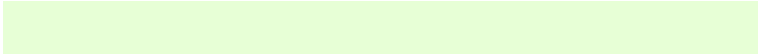
FF86B8

Sweetspot

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



89C55E



E7FFD6



C5985E



718067



000000



808080

Same Dimension

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



89C55E



A1FF5E



5EC565



5E635A



44A300



0F2400

Inverse Universe

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



9A5EC5



BC5EFF



C55EBE



5F5A63



5F00A3



150024

Previews

White Background



This preview shows how the Hex color 89C55E looks on a white background.

Color Contrast Check

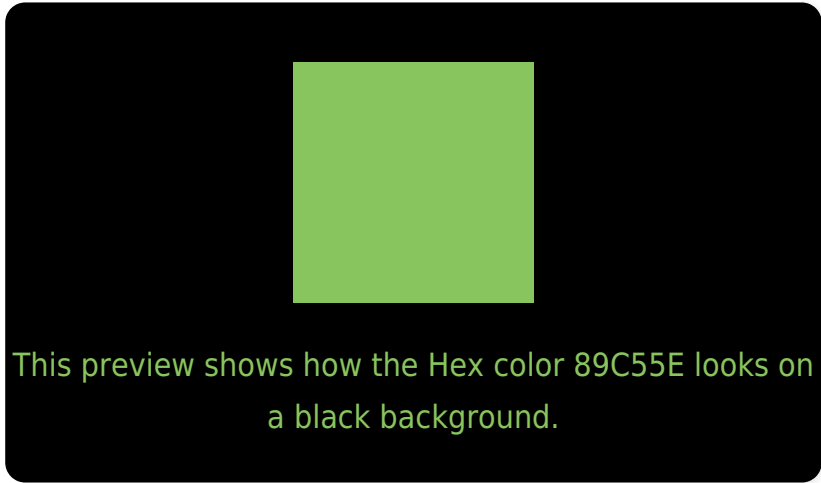
Large Text (above 18pt) WCAG AA × Fail

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

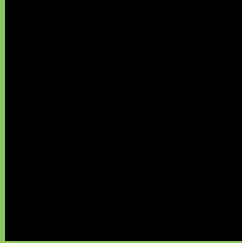
Any Text WCAG AA ✓ Pass

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 89C55E Background



This preview shows how black text looks on a background with the Hex color 89C55E.

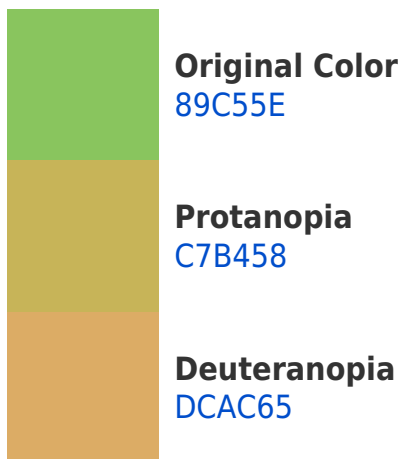


This preview shows how white text looks on a background with the Hex color 89C55E.

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](#).

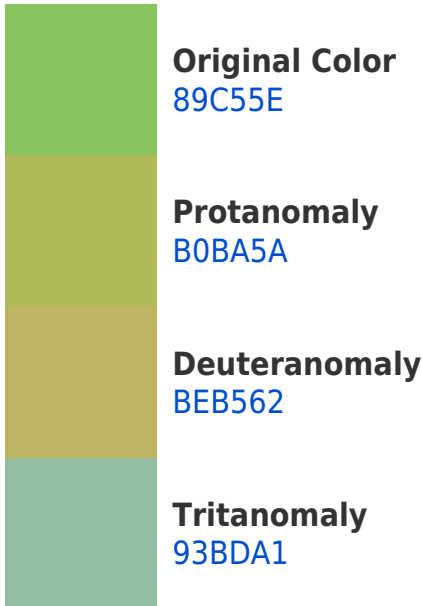
Dichromacy



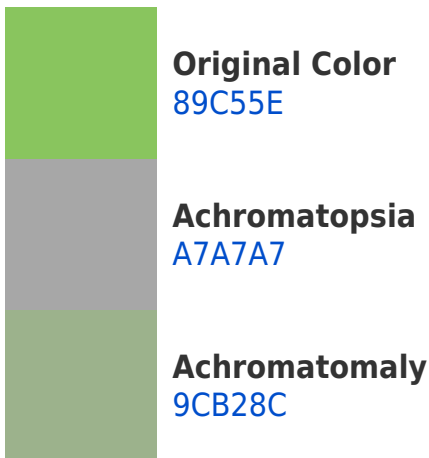


Tritanopia
99B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89C55E 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 #89C55E looks like.

```
.text, #text, p{  
    color:#89C55E  
}
```

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 #89C55E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C55E
}
```

Border

The CSS property to change the border of an element to Hex 89C55E 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
#89C55E }
```

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

```
.border{ border-color:#89C55E }
```

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

Here you see how a box with a 4 pixel #89C55E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C55E; -webkit-box-shadow:4px 4px  
4px 4px #89C55E; box-shadow:4px 4px 4px  
4px #89C55E }
```

Background

The CSS property to change the background color of an element to Hex 89C55E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C55E }
```

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

```
.background{ background-color:#89C55E }
```

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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