

Converting Colors

Hex(89C85A)

Have a look what the booklet for
Hex(89C85A) contains.

Hex(89C85A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(89C85A)

Conversions

Conversions Part 1

Format	Color
Hex	89C85A
RGB	137, 200, 90
RGB Percent	54%, 78%, 35%
CMY	0.4627, 0.2157, 0.6471
CMYK	0.32, 0.00, 0.55, 0.22
HSL	94°, 50%, 57%
HSV	94°, 55%, 78%
XYZ	32.8163, 47.3651, 17.0856
YIQ	168.6230, -2.2380, -47.5660

Conversions

Conversions Part 2

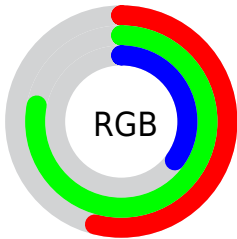
Format	Color
RYB	90, 200, 153
Decimal	9029722
CIELab	74.42, -38.98, 48.03
CIELCh	74, 61.857, 129.068
Yxy	47.3651, 0.3374, 0.4870
Android (android.graphics.Color)	4287219802 (0xFF89C85A)
YUV	168.6230, -38.7611, -27.7334
Hunter-Lab	68.8223, -35.3256, 33.4564

Details

The Hex color **89C85A** 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 **995AC8**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **C1FF8F**, and **539226** is the 20% darker color. If you saturate the color by 10%, you get **7EC846**, and if you desaturate by 10%, it is **94C86E**.

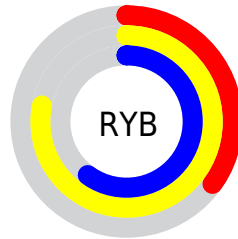
Distribution



Red (54%)

Green (78%)

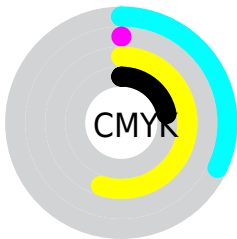
Blue (35%)



Red (35%)

Yellow (78%)

Blue (60%)

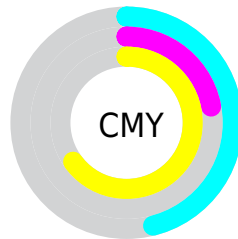


Cyan (32%)

Magenta (0%)

Yellow (55%)

Black (22%)



Cyan (46%)

Magenta (22%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89C85A 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 89C85A by changing the saturation by 10% instead.

 89C85A

 89C85A

FFFFFF

 6EAC40

 C1FF8F

 539226

 DEFFAA

 377704

 FBFFC6

 195E00

 FFFF E3

 004600

 002F00

 001800

 000000

 89C85A

 89C85A

 7EC846

 94C86E

 72C832

 A0C882

 67C81E

 ABC896

 5BC80A

 B7C8AA

 55C800

 C2C8BE

 CEC8D2

 D9C8E6

 E5C8FA

 F0C8FF

Harmonies

Analogous

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



C6BA3F



89C85A



1BD08C

Triad

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



89C85A



00C8FF



FF84A8

Complementary

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



89C85A



995AC8

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.



FF8BE1



89C85A



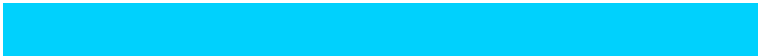
6CB8FF

Square

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



89C85A



00D1FD



D1A1FF



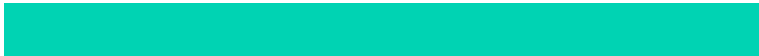
FF9072

Rectangle

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



89C85A



00D3B3



D1A1FF



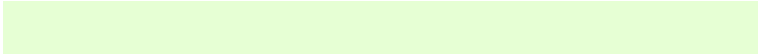
FF84BB

Sweetspot

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



89C85A



E6FFD4



C8985A



718066



000000



808080

Same Dimension

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



89C85A



9FFF57



5AC861



5E635A



46A300



0F2400

Inverse Universe

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



995AC8



B757FF



C85AC1



5F5A63



5D00A3



140024

Previews

White Background



This preview shows how the Hex color 89C85A looks on a white background.

Color Contrast Check

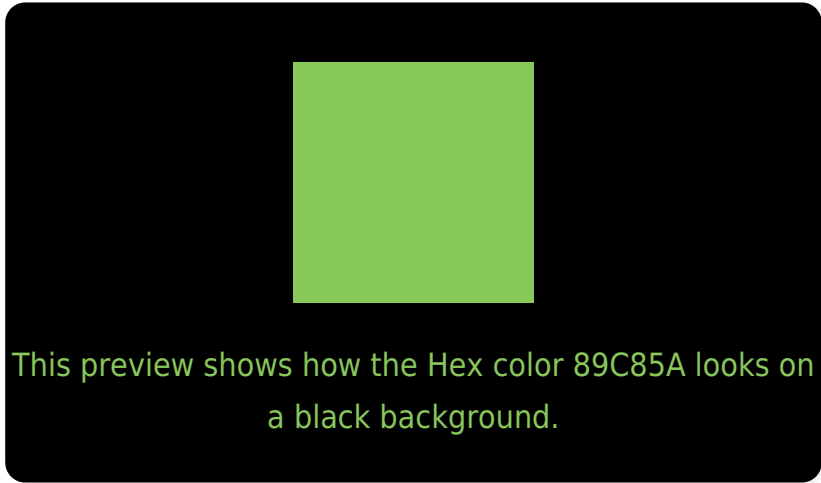
Large Text (above 18pt) WCAG AA × Fail

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 89C85A Background



This preview shows how black text looks on a background with the Hex color 89C85A.

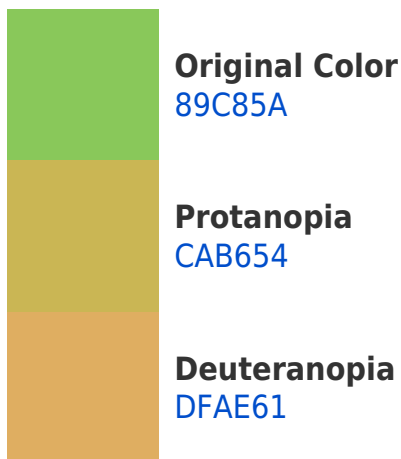


This preview shows how white text looks on a background with the Hex color 89C85A.

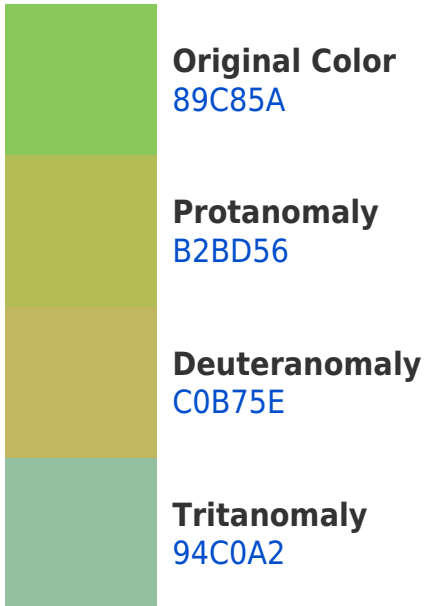
Color Blindness Simulation

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](#).

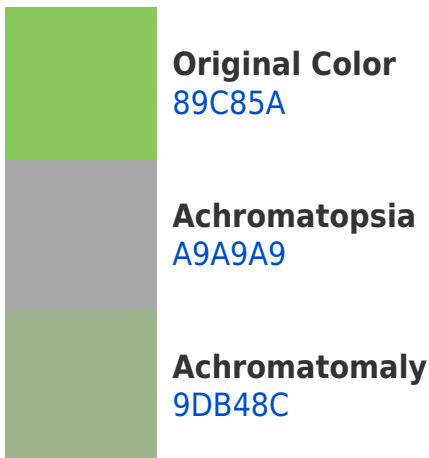
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89C85A 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 #89C85A looks like.

```
.text, #text, p{  
    color:#89C85A  
}
```

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 #89C85A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C85A
}
```

Border

The CSS property to change the border of an element to Hex 89C85A 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
#89C85A }
```

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

```
.border{ border-color:#89C85A }
```

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

Here you see how a box with a 4 pixel #89C85A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C85A; -webkit-box-shadow:4px 4px  
4px 4px #89C85A; box-shadow:4px 4px 4px  
4px #89C85A }
```

Background

The CSS property to change the background color of an element to Hex 89C85A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C85A }
```

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

```
.background{ background-color:#89C85A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor