

Converting Colors

Hex(89C446)

Have a look what the booklet for
Hex(89C446) contains.

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Color

Hex(89C446)

Conversions

Conversions Part 1

Format	Color
Hex	89C446
RGB	137, 196, 70
RGB Percent	54%, 77%, 27%
CMY	0.4627, 0.2314, 0.7255
CMYK	0.30, 0.00, 0.64, 0.23
HSL	88°, 52%, 52%
HSV	88°, 64%, 77%
XYZ	31.1619, 45.2404, 12.8842
YIQ	163.9950, 5.2820, -51.6940

Conversions

Conversions Part 2

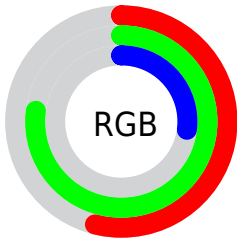
Format	Color
RYB	70, 196, 129
Decimal	9028678
CIELab	73.05, -39.06, 55.35
CIELCh	73, 67.743, 125.215
Yxy	45.2404, 0.3490, 0.5067
Android (android.graphics.Color)	4287218758 (0xFF89C446)
YUV	163.9950, -46.3395, -23.6746
Hunter-Lab	67.2610, -35.0079, 35.7254

Details

The Hex color **89C446** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **8146C4**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C2FD7C**, and **528E05** is the 20% darker color. If you saturate the color by 10%, you get **80C432**, and if you desaturate by 10%, it is **92C45A**.

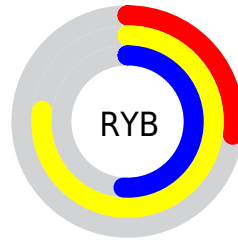
Distribution



Red (54%)

Green (77%)

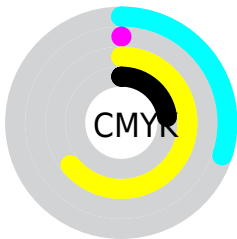
Blue (27%)



Red (27%)

Yellow (77%)

Blue (51%)

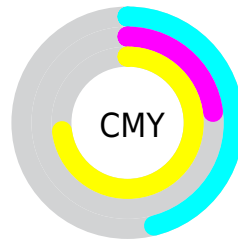


Cyan (30%)

Magenta (0%)

Yellow (64%)

Black (23%)



Cyan (46%)

Magenta (23%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89C446 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 89C446 by changing the saturation by 10% instead.



89C446



89C446

FFFFFF



6DA92A



C2FD7C



528E05



DFFF97



367400



FCFFB3



185B00



FFFFCF



004300



FFF FEC



002C00



001300



000000



89C446



89C446

 80C432

 92C45A

 77C41F

 9BC46D

 6DC40B

 A5C481

 68C400

 AEC494

 B7C4A8

 C0C4BC

 C9C4CF

 D2C4E3

 DCC4F6

Harmonies

Analogous

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



CAB429



89C446



00CD7D

Triad

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



89C446



00C7FF



FF79AB

Complementary

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



89C446



8146C4

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.



FF84E9



89C446



33B7FF

Square

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



89C446



00D0F9



C49EFF



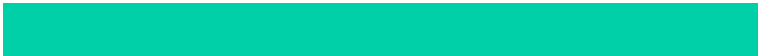
FF856F

Rectangle

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



89C446



00D0A7



C49EFF



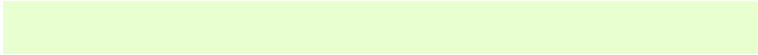
FF7AC0

Sweetspot

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



89C446



E8FFCF



C48146



728062



000000



808080

Same Dimension

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



89C446



A3FF3B



4AC446



5C6157



55A100



122100

Inverse Universe

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



8146C4



973BFF



C046C4



5C5761



4B00A1



100021

Previews

White Background



This preview shows how the Hex color 89C446 looks on a white background.

Color Contrast Check

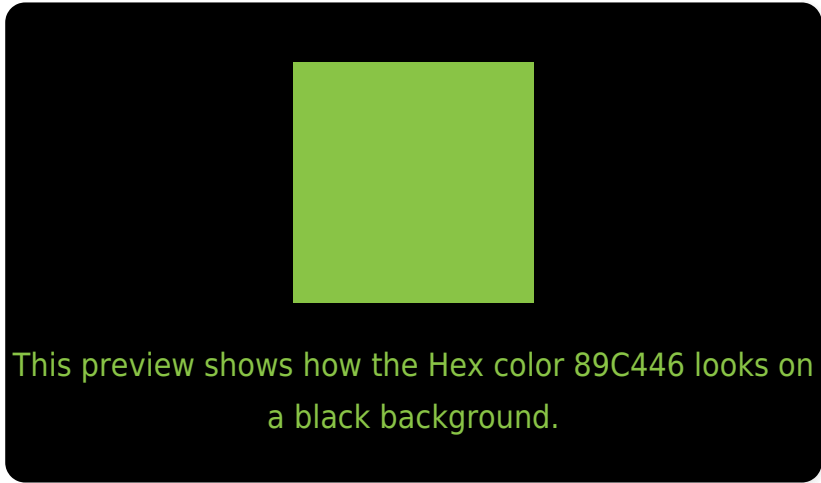
Large Text (above 18pt) WCAG AA × Fail

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 89C446 Background



This preview shows how black text looks on a background with the Hex color 89C446.

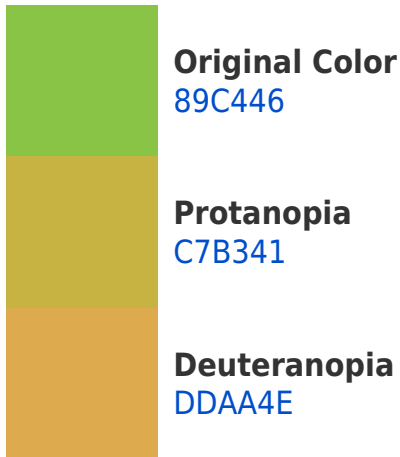


This preview shows how white text looks on a background with the Hex color 89C446.

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](#).

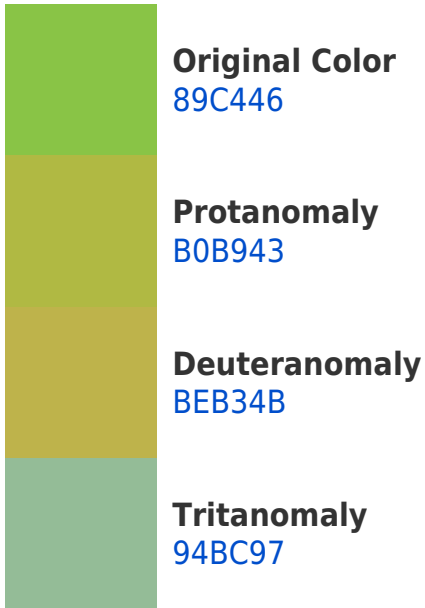
Dichromacy



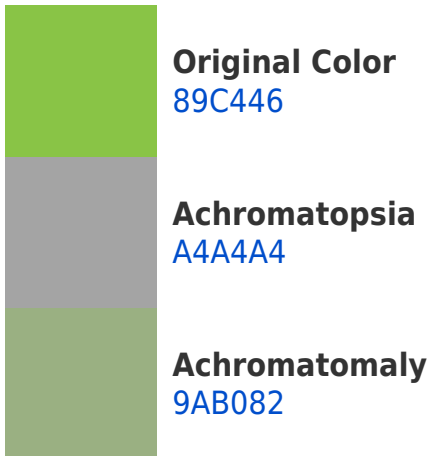


Tritanopia
9AB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89C446 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 #89C446 looks like.

```
.text, #text, p{  
    color:#89C446  
}
```

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 #89C446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C446
}
```

Border

The CSS property to change the border of an element to Hex 89C446 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
#89C446 }
```

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

```
.border{ border-color:#89C446 }
```

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

Here you see how a box with a 4 pixel #89C446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C446; -webkit-box-shadow:4px 4px  
4px 4px #89C446; box-shadow:4px 4px 4px  
4px #89C446 }
```

Background

The CSS property to change the background color of an element to Hex 89C446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C446 }
```

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

```
.background{ background-color:#89C446 }
```

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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