

# Converting Colors

Hex(89A832)

Have a look what the booklet for  
Hex(89A832) contains.

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**Color**

**Hex(89A832)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89A832
RGB	137, 168, 50
RGB Percent	54%, 66%, 20%
CMY	0.4627, 0.3412, 0.8039
CMYK	0.18, 0.00, 0.70, 0.34
HSL	76°, 54%, 43%
HSV	76°, 70%, 66%
XYZ	24.8949, 33.5539, 8.1821
YIQ	145.2790, 19.4020, -43.2700

# Conversions

## Conversions Part 2

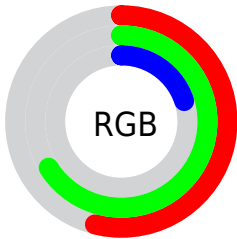
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 168, 81
Decimal	9021490
CIELab	64.61, -27.53, 54.58
CIELCh	65, 61.132, 116.770
Yxy	33.5539, 0.3736, 0.5036
Android (android.graphics.Color)	4287211570 (0xFF89A832)
YUV	145.2790, -46.9725, -7.2607
Hunter-Lab	57.9257, -24.6557, 32.1733

# Details

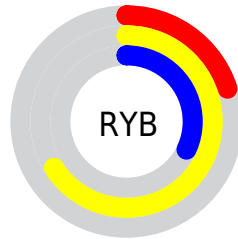
The Hex color **89A832** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5132A8**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C1DF67**, and **537400** is the 20% darker color. If you saturate the color by 10%, you get **85A821**, and if you desaturate by 10%, it is **8DA843**.

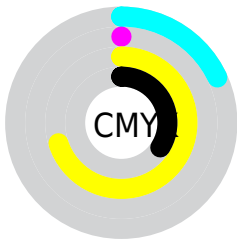
# Distribution



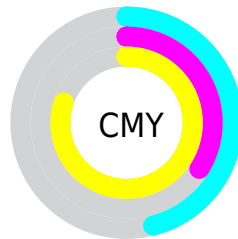
- Red (54%)
- Green (66%)
- Blue (20%)



- Red (20%)
- Yellow (66%)
- Blue (32%)



- Cyan (18%)
- Magenta (0%)
- Yellow (70%)
- Black (34%)



- Cyan (46%)
- Magenta (34%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89A832 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 89A832 by changing the saturation by 10% instead.





89A832



89A832

FFFFFF



6E8E13



C1DF67



537400



DEFC82



395B00



FBFF9E



1E4300



FFFFBA



002D00



FFFFD6



001900



FFFFF3



000000



89A832



89A832



85A821



8DA843

 80A810

 92A854

 7CA800

 96A864

 9BA875

 9FA886

 A3A897

 A8A8A8

 ACA8B8

 B1A8C9

# Harmonies

## Analogous

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



BE9824



89A832



3CB25E

# Triad

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



89A832



00B1F7



FB6AA5

# Complementary

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



89A832



5132A8

# 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.



D979D9



89A832



00A5FF

# Square

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



89A832



00B6CC



9391FF



FE6F6F

# Rectangle

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



89A832



00B582



9391FF



F46DB7



# Sweetspot

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



89A832



CFDBAD



A84F32



666E52



EDEDED



6E6E6E



# Same Dimension

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



89A832



ABDB23



4FA832



52544C



6D9400



0F1400



# Inverse Universe

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



5132A8



5323DB



8A32A8



4E4C54



270094



050014



# Previews

## White Background



This preview shows how the Hex color 89A832 looks on a white background.

## Color Contrast Check

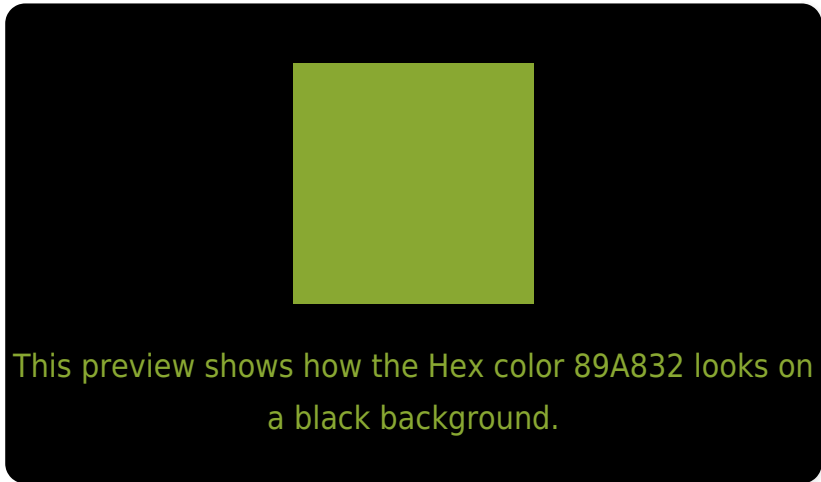
Large Text (above 18pt) WCAG AA × Fail

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 89A832 Background



This preview shows how black text looks on a background with the Hex color 89A832.



This preview shows how white text looks on a background with the Hex color 89A832.

# 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



**Original Color**  
89A832

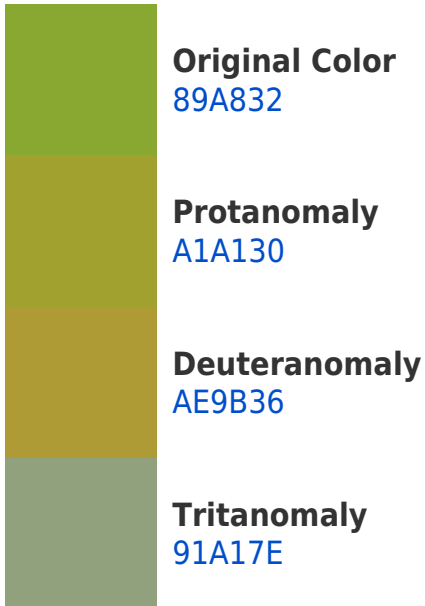
**Protanopia**  
AF9D2F

**Deuteranopia**  
C39439

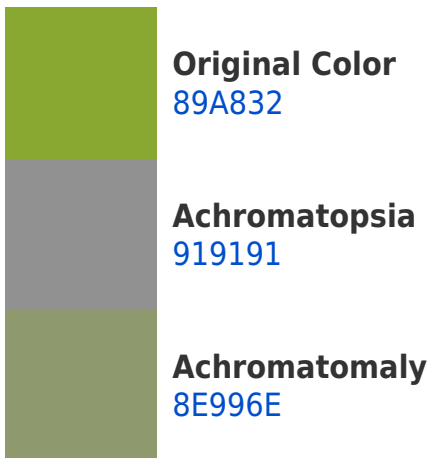


**Tritanopia**  
969DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89A832 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 #89A832 looks like.

```
.text, #text, p{  
    color:#89A832  
}
```

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 #89A832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A832
}
```

## Border

The CSS property to change the border of an element to Hex 89A832 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
#89A832 }
```

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

```
.border{ border-color:#89A832 }
```

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

Here you see how a box with a 4 pixel #89A832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A832; -webkit-box-shadow:4px 4px  
4px 4px #89A832; box-shadow:4px 4px 4px  
4px #89A832 }
```

# Background

The CSS property to change the background color of an element to Hex 89A832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A832 }
```

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

```
.background{ background-color:#89A832 }
```

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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