

# Converting Colors

Hex(89A013)

Have a look what the booklet for  
Hex(89A013) contains.

<b>Hex(89A013)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(89A013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89A013
RGB	137, 160, 19
RGB Percent	54%, 63%, 7%
CMY	0.4627, 0.3725, 0.9255
CMYK	0.14, 0.00, 0.88, 0.37
HSL	70°, 79%, 35%
HSV	70°, 88%, 63%
XYZ	23.0049, 30.5070, 5.2920
YIQ	137.0490, 31.5530, -48.7270

# Conversions

## Conversions Part 2

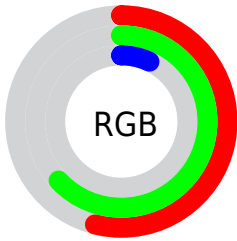
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 160, 42
Decimal	9019411
CIELab	62.09, -24.99, 61.65
CIElCh	62, 66.522, 112.067
Yxy	30.5070, 0.3912, 0.5188
Android (android.graphics.Color)	4287209491 (0xFF89A013)
YUV	137.0490, -58.1982, -0.0430
Hunter-Lab	55.2331, -22.3118, 32.9824

# Details

The Hex color **89A013** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2A13A0**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **C2D751**, and **526D00** is the 20% darker color. If you saturate the color by 10%, you get **86A003**, and if you desaturate by 10%, it is **8CA023**.

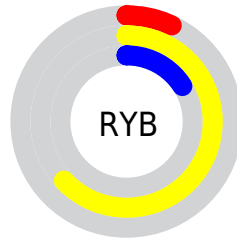
# Distribution



Red (54%)

Green (63%)

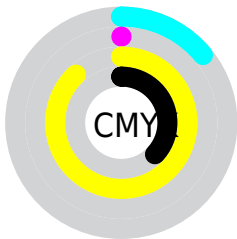
Blue (7%)



Red (7%)

Yellow (63%)

Blue (16%)

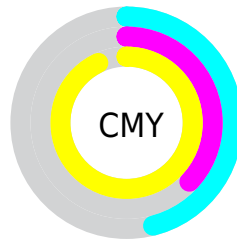


Cyan (14%)

Magenta (0%)

Yellow (88%)

Black (37%)



Cyan (46%)

Magenta (37%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89A013 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 89A013 by changing the saturation by 10% instead.



 89A013

 89A013

FFFFFF

 6D8600

 C2D751

 526D00

 DFF36C

 385400

 FDF888

 1D3D00

 FFFFA3

 002700

 FFFFC0

 000E00

 FFFFDC

 000000

 FFFFFA

 89A013

 89A013

■ 86A003

■ 8CA023

■ 86A000

■ 8EA033

■ 91A043

■ 93A053

■ 96A063

■ 99A073

■ 9BA083

■ 9EA093

■ A0A0A3

# Harmonies

## Analogous

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



C08E07



89A013



39AB49

# Triad

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



89A013



00ADF2



F85DA8

# Complementary

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



89A013



2A13A0

# 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.



CE72DF



89A013



00A2FF

# Square

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



89A013



00B1C1



768DFF



FF5F6D

# Rectangle

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



89A013



00AF6F



768DFF



EE62BC



# Sweetspot

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



89A013



C8D19B



A02813



636948



E8E8E8



696969



# Same Dimension

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



89A013



AFD100



44A013



4E4F47



788F00



0D0F00



# Inverse Universe

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



2A13A0



2200D1



6F13A0



48474F



17008F



02000F



# Previews

## White Background



This preview shows how the Hex color 89A013 looks on a white background.

## Color Contrast Check

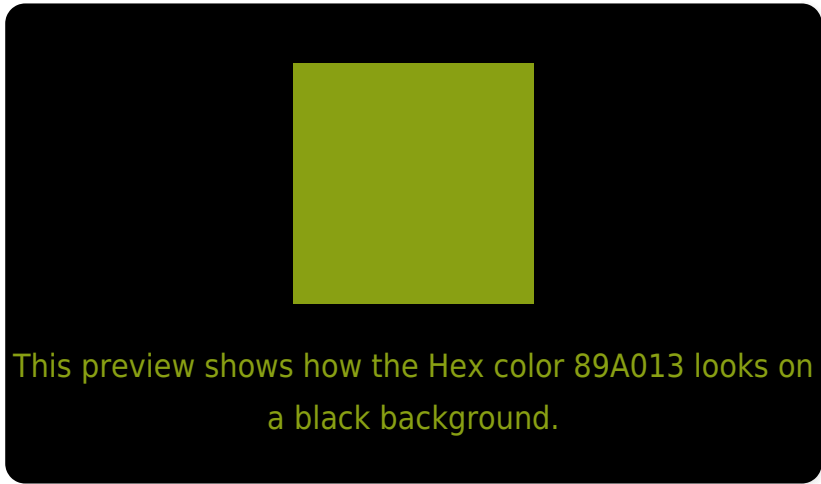
Large Text (above 18pt) WCAG AA × Fail

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 89A013 Background



This preview shows how black text looks on a background with the Hex color 89A013.



This preview shows how white text looks on a background with the Hex color 89A013.

# 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](#).

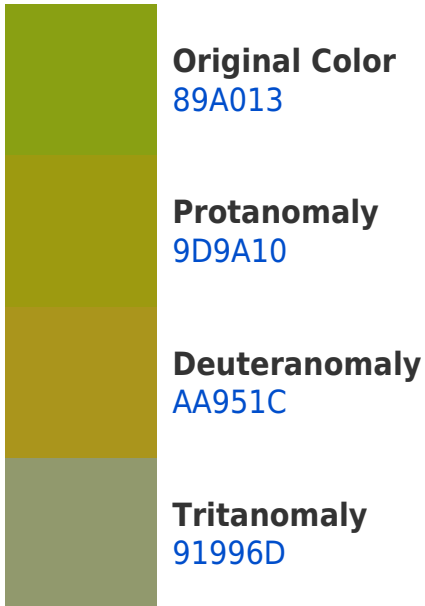
## Dichromacy



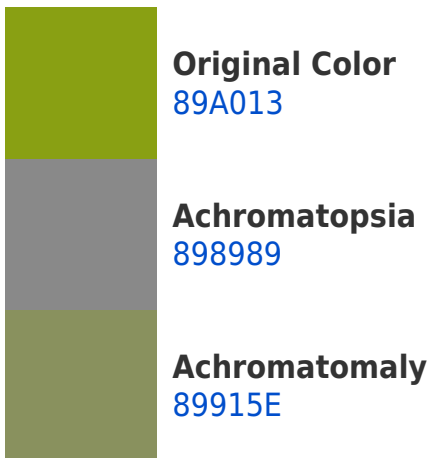


**Tritanopia**  
9595A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89A013 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 #89A013 looks like.

```
.text, #text, p{  
    color:#89A013  
}
```

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 #89A013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A013
}
```

## Border

The CSS property to change the border of an element to Hex 89A013 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
#89A013 }
```

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

```
.border{ border-color:#89A013 }
```

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

Here you see how a box with a 4 pixel #89A013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A013; -webkit-box-shadow:4px 4px  
4px 4px #89A013; box-shadow:4px 4px 4px  
4px #89A013 }
```

# Background

The CSS property to change the background color of an element to Hex 89A013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A013 }
```

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

```
.background{ background-color:#89A013 }
```

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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