

Converting Colors

Hex(899A13)

Have a look what the booklet for
Hex(899A13) contains.

| | |
|--|----|
| Hex(899A13) | 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(899A13)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 899A13 |
| RGB | 137, 154, 19 |
| RGB Percent | 54%, 60%, 7% |
| CMY | 0.4627, 0.3961, 0.9255 |
| CMYK | 0.11, 0.00, 0.88, 0.40 |
| HSL | 68°, 78%, 34% |
| HSV | 68°, 88%, 60% |
| XYZ | 21.9897, 28.4766, 4.9536 |
| YIQ | 133.5270, 33.2030, -45.5890 |

Conversions

Conversions Part 2

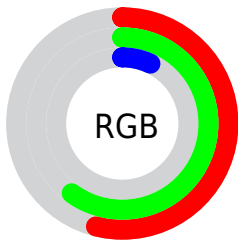
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 19, 154, 36 |
| Decimal | 9017875 |
| CIE _{Lab} | 60.32, -22.01, 60.18 |
| CIE _{LCh} | 60, 64.080, 110.084 |
| Yxy | 28.4766, 0.3968, 0.5138 |
| Android (android.graphics.Color) | 4287207955 (0xFF899A13) |
| YUV | 133.5270, -56.4618, 3.0458 |
| Hunter-Lab | 53.3635, -19.8309, 31.8506 |

Details

The Hex color **899A13** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **24139A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **C2D050**, and **536700** is the 20% darker color. If you saturate the color by 10%, you get **879A04**, and if you desaturate by 10%, it is **8B9A22**.

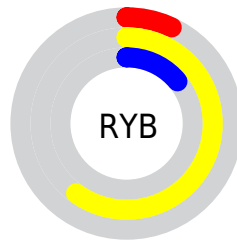
Distribution



Red (54%)

Green (60%)

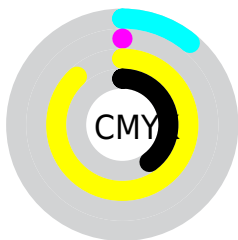
Blue (7%)



Red (7%)

Yellow (60%)

Blue (14%)

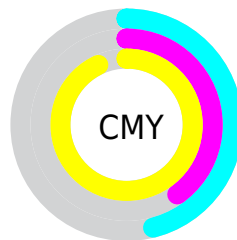


Cyan (11%)

Magenta (0%)

Yellow (88%)

Black (40%)



Cyan (46%)

Magenta (40%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 899A13 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 899A13 by changing the saturation by 10% instead.



899A13



899A13

FFFFFF



6E8000



C2D050



536700



DFED6B



394F00



FCFF86



1E3800



FFFFA2



002300



FFFFBE



000200



FFFFDB



000000



FFFFFF8



899A13



899A13

■ 879A04

■ 8B9A22

■ 879A00

■ 8D9A32

■ 8F9A41

■ 919A51

■ 939A60

■ 959A6F

■ 979A7F

■ 999A8E

■ 9A9A9E

Harmonies

Analogous

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



BD880F



899A13



40A544

Triad

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



899A13



00A8E7



ED5CA7

Complementary

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



899A13



24139A

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.



C371DB



899A13



009DFF

Square

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



899A13



00ACB7



6C8AFC



F65C6E

Rectangle

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



899A13



00A969



6C8AFC



E361B9

Sweetspot

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



899A13



C3C995



9A2313



626646



E6E6E6



666666

Same Dimension

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



899A13



B0C900



479A13



4C4D45



7B8C00



0B0D00

Inverse Universe

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



24139A



1900C9



66139A



46454D



12008C



02000D

Previews

White Background



This preview shows how the Hex color 899A13 looks on a white background.

Color Contrast Check

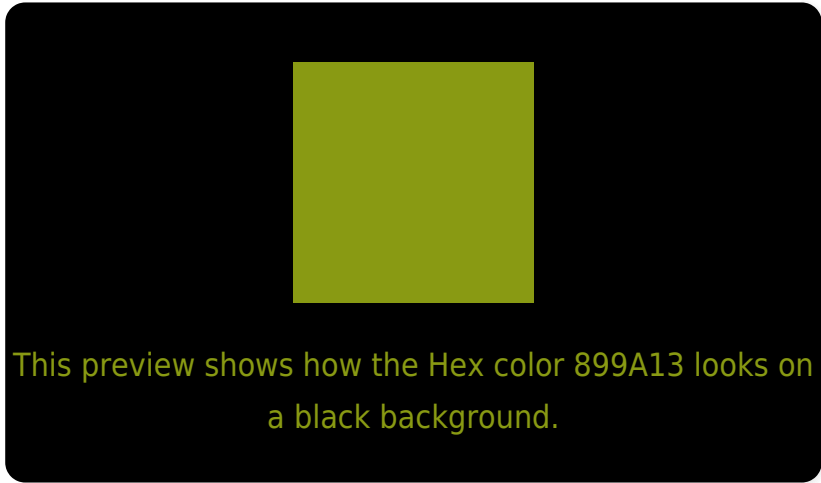
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 899A13 Background



This preview shows how black text looks on a background with the Hex color 899A13.

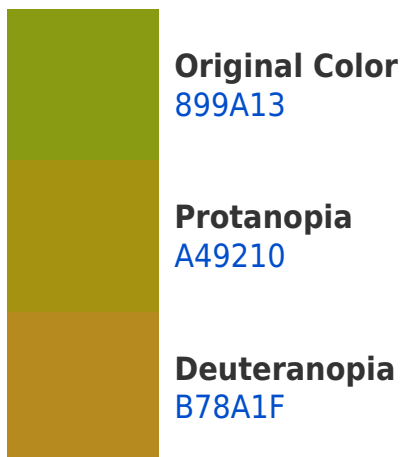


This preview shows how white text looks on a background with the Hex color 899A13.

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](#).

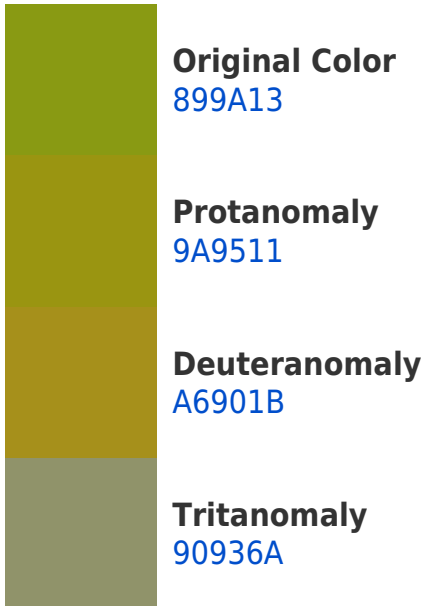
Dichromacy





Tritanopia
948F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 899A13 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 #899A13 looks like.

```
.text, #text, p{  
    color:#899A13  
}
```

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 #899A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #899A13
}
```

Border

The CSS property to change the border of an element to Hex 899A13 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
#899A13 }
```

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

```
.border{ border-color:#899A13 }
```

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

Here you see how a box with a 4 pixel #899A13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #899A13; -webkit-box-shadow:4px 4px  
4px 4px #899A13; box-shadow:4px 4px 4px  
4px #899A13 }
```

Background

The CSS property to change the background color of an element to Hex 899A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#899A13 }
```

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

```
.background{ background-color:#899A13 }
```

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