

Converting Colors

Hex(899A39)

Have a look what the booklet for
Hex(899A39) contains.

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Color

Hex(899A39)

Conversions

Conversions Part 1

Format	Color
Hex	899A39
RGB	137, 154, 57
RGB Percent	54%, 60%, 22%
CMY	0.4627, 0.3961, 0.7765
CMYK	0.11, 0.00, 0.63, 0.40
HSL	71°, 46%, 41%
HSV	71°, 63%, 60%
XYZ	22.6106, 28.7250, 8.2237
YIQ	137.8590, 21.0050, -33.7710

Conversions

Conversions Part 2

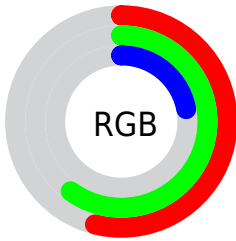
Format	Color
RYB	57, 154, 74
Decimal	9017913
CIELab	60.54, -20.10, 47.42
CIELCh	61, 51.504, 112.966
Yxy	28.7250, 0.3796, 0.4823
Android (android.graphics.Color)	4287207993 (0xFF899A39)
YUV	137.8590, -39.8635, -0.7533
Hunter-Lab	53.5957, -18.4879, 28.4196

Details

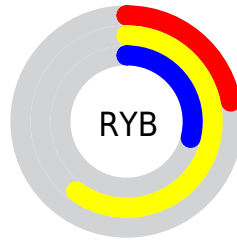
The Hex color **899A39** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4A399A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **C0D06C**, and **546700** is the 20% darker color. If you saturate the color by 10%, you get **869A2A**, and if you desaturate by 10%, it is **8C9A48**.

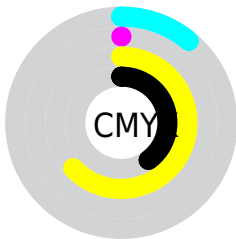
Distribution



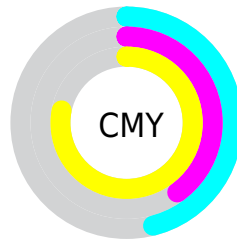
- Red (54%)
- Green (60%)
- Blue (22%)



- Red (22%)
- Yellow (60%)
- Blue (29%)



- Cyan (11%)
- Magenta (0%)
- Yellow (63%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 899A39 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 899A39 by changing the saturation by 10% instead.



899A39



899A39

FFFFFF



6E801F



C0D06C



546700



DDED87



3B4F00



FAFFA2



223800



FFFFBE



052300



FFFFDA



000400



FFFFF7



000000



899A39



899A39



869A2A



8C9A48

■ 849A1A

■ 8E9A58

■ 819A0B

■ 919A67

■ 7F9A00

■ 949A77

■ 969A86

■ 999A95

■ 9C9AA5

■ 9F9AB4

■ A19AC4

Harmonies

Analogous

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



B48C33



899A39



51A359

Triad

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



899A39



00A4DA



E06B9F

Complementary

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



899A39



4A399A

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.



BF78C9



899A39



009AEC

Square

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



899A39



00A8B4



828AE6



E56C71

Rectangle

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



899A39



00A776



828AE6



D86EAE

Sweetspot

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



899A39



C3C9A3



9A4939



62664F



E6E6E6



666666

Same Dimension

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



899A39



AFC930



599A39



4B4D45



748C00



0B0D00

Inverse Universe

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



4A399A



4B30C9



7A399A



46454D



19008C



02000D

Previews

White Background



This preview shows how the Hex color 899A39 looks on a white background.

Color Contrast Check

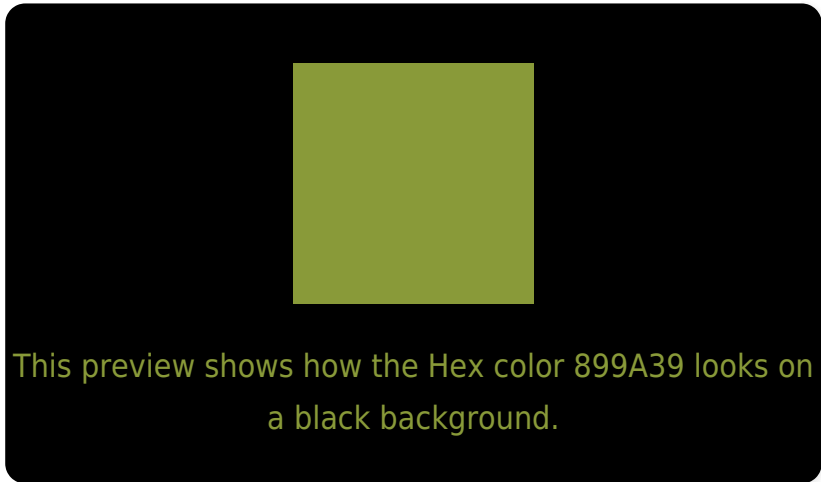
Large Text (above 18pt) WCAG AA ✓ Pass

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 899A39 Background



This preview shows how black text looks on a background with the Hex color 899A39.



This preview shows how white text looks on a background with the Hex color 899A39.

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
899A39

Protanopia
A39237

Deuteranopia
B58B3E



Tritanopia
93909C

Trichromacy



Original Color
899A39

Protanomaly
9A9538

Deuteranomaly
A5903C

Tritanomaly
8F9478

Monochromacy



Original Color
899A39

Achromatopsia
8A8A8A

Achromatomaly
8A906D

CSS Examples

Text

The CSS property to change the color of the text to Hex 899A39 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 #899A39 looks like.

```
.text, #text, p{  
    color:#899A39  
}
```

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 #899A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #899A39
}
```

Border

The CSS property to change the border of an element to Hex 899A39 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
#899A39 }
```

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

```
.border{ border-color:#899A39 }
```

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

Here you see how a box with a 4 pixel #899A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #899A39; -webkit-box-shadow:4px 4px  
4px 4px #899A39; box-shadow:4px 4px 4px  
4px #899A39 }
```

Background

The CSS property to change the background color of an element to Hex 899A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#899A39 }
```

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

```
.background{ background-color:#899A39 }
```

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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