

# Converting Colors

Hex(899256)

Have a look what the booklet for  
Hex(899256) contains.

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**Color**

**Hex(899256)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	899256
RGB	137, 146, 86
RGB Percent	54%, 57%, 34%
CMY	0.4627, 0.4275, 0.6627
CMYK	0.06, 0.00, 0.41, 0.43
HSL	69°, 26%, 45%
HSV	69°, 41%, 57%
XYZ	22.2751, 26.5480, 12.7544
YIQ	136.4690, 13.8960, -20.5680

# Conversions

## Conversions Part 2

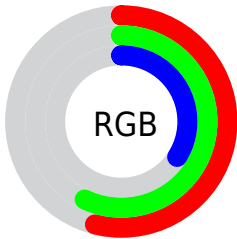
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 146, 95
Decimal	9015894
CIELab	58.55, -13.08, 30.68
CIElCh	59, 33.355, 113.092
Yxy	26.5480, 0.3617, 0.4311
Android (android.graphics.Color)	4287205974 (0xFF899256)
YUV	136.4690, -24.8812, 0.4657
Hunter-Lab	51.5248, -12.9994, 21.3908

# Details

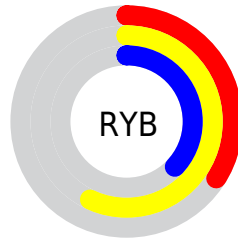
The Hex color **899256** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5F5692**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BFC889**, and **566027** is the 20% darker color. If you saturate the color by 10%, you get **879247**, and if you desaturate by 10%, it is **8B9265**.

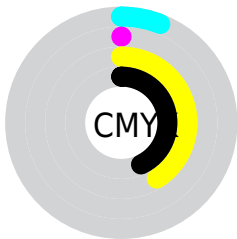
# Distribution



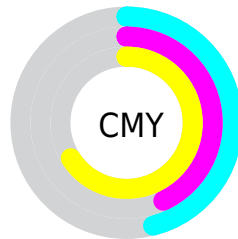
- Red (54%)
- Green (57%)
- Blue (34%)



- Red (34%)
- Yellow (57%)
- Blue (37%)



- Cyan (6%)
- Magenta (0%)
- Yellow (41%)
- Black (43%)



- Cyan (46%)
- Magenta (43%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 899256 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 899256 by changing the saturation by 10% instead.



 899256

 899256

FFFFFF

 6F783E

 BFC889

 566027

 DBE4A3

 3E4810

 F8FFBF

 273100

 FFFFDB

 0E1D00

 FFFFF7

 000000

 899256

 899256

 879247

 8B9265

 859239

 8D9273

■ 82922A

■ 909282

■ 80921C

■ 929290

■ 7E920D

■ 94929F

■ 7C9200

■ 9692AE

■ 9892BC

■ 9B92CB

■ 9D92D9

# Harmonies

## Analogous

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



A68953



899256



679969

# Triad

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



899256



1D99BB



C17795

# Complementary

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



899256



5F5692

# 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.



AB7DB0



899256



5692C6

# Square

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



899256



0E9CA3



8688C2



C67777

# Rectangle

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



899256



4E9B7B



8688C2



BB789F



# Sweetspot

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



899256



B9BDA6



925F56



5C5E51



DEDEDE



5E5E5E



# Same Dimension

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



899256



AFBD60



6B9256



494A43



758A00



090A00



# Inverse Universe

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



5F5692



6E60BD



7D5692



44434A



15008A



02000A



# Previews

## White Background



This preview shows how the Hex color 899256 looks on a white background.

## Color Contrast Check

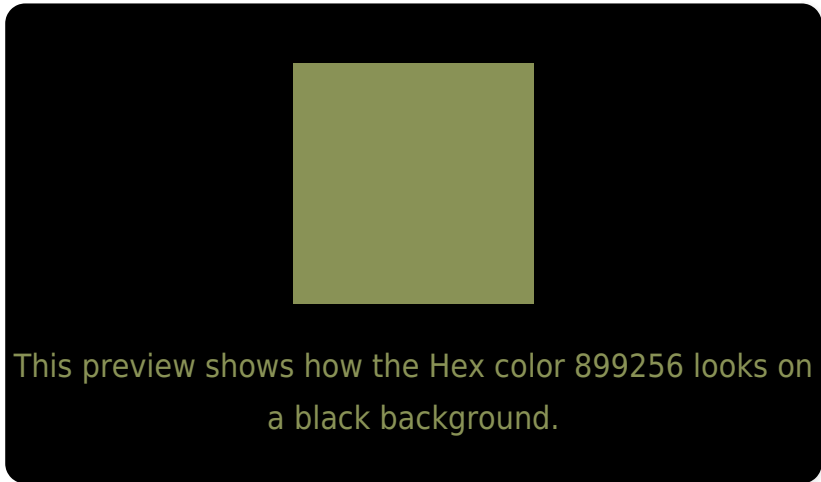
Large Text (above 18pt) WCAG AA ✓ Pass

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

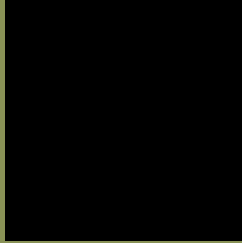
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 899256 Background



This preview shows how black text looks on a background with the Hex color 899256.

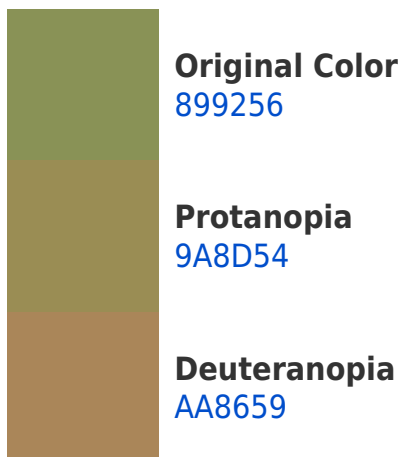


This preview shows how white text looks on a background with the Hex color 899256.

# 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



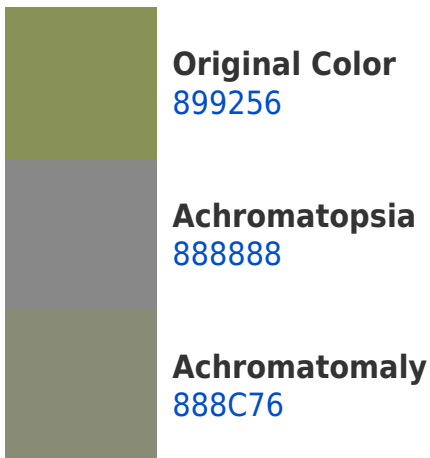


**Tritanopia**  
918B95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 899256 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 #899256 looks like.

```
.text, #text, p{  
    color:#899256  
}
```

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 #899256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #899256
}
```

## Border

The CSS property to change the border of an element to Hex 899256 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
#899256 }
```

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

```
.border{ border-color:#899256 }
```

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

Here you see how a box with a 4 pixel #899256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #899256; -webkit-box-shadow:4px 4px  
4px 4px #899256; box-shadow:4px 4px 4px  
4px #899256 }
```

# Background

The CSS property to change the background color of an element to Hex 899256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#899256 }
```

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

```
.background{ background-color:#899256 }
```

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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