

# Converting Colors

Hex(898807)

Have a look what the booklet for  
Hex(898807) contains.

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**Color**

**Hex(898807)**

# Conversions

## Conversions Part 1

Format	Color
Hex	898807
RGB	137, 136, 7
RGB Percent	54%, 53%, 3%
CMY	0.4627, 0.4667, 0.9725
CMYK	0.00, 0.01, 0.95, 0.46
HSL	60°, 90%, 28%
HSV	60°, 95%, 54%
XYZ	19.1590, 22.9420, 3.6195
YIQ	121.5930, 42.0050, -39.9070

# Conversions

## Conversions Part 2

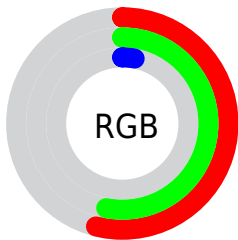
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 137, 7
Decimal	9013255
CIE <sub>Lab</sub>	55.01, -12.92, 58.13
CIE <sub>LCh</sub>	55, 59.547, 102.533
Yxy	22.9420, 0.4190, 0.5018
Android (android.graphics.Color)	4287203335 (0xFF898807)
YUV	121.5930, -56.4943, 13.5119
Hunter-Lab	47.8978, -12.4216, 29.0481

# Details

The Hex color **898807** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **070889**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **C2BD47**, and **535700** is the 20% darker color. If you saturate the color by 10%, you get **898800**, and if you desaturate by 10%, it is **898815**.

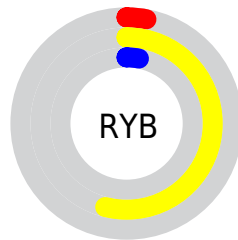
# Distribution



Red (54%)

Green (53%)

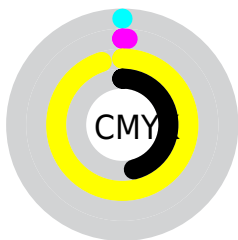
Blue (3%)



Red (3%)

Yellow (54%)

Blue (3%)

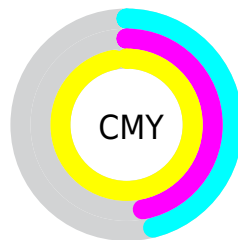


Cyan (0%)

Magenta (1%)

Yellow (95%)

Black (46%)



Cyan (46%)

Magenta (47%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 898807 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 898807 by changing the saturation by 10% instead.





898807



898807

FFFFFF



6E6F00



C2BD47



535700



DFD962



394000



FDF57D



1F2A00



FFFF98



001700



FFFFB4



000000



FFFFD0



FFFFED



898807



898807

■ 898800

■ 898815

■ 898822

■ 898830

■ 89883E

■ 89894C

■ 898959

■ 898967

■ 898975

■ 898982

# Harmonies

## Analogous

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



B67616



898807



4F9431

# Triad

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



898807



009AC8



D156A4

# Complementary

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



898807



070889

# 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.



A26CD0



898807



0092E6

# Square

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



898807



009C99



3E82E9



E05170

# Rectangle

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



898807



009851



3E82E9



C55DB4



# Sweetspot

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



898807



B3B281



890709



59593B



D9D9D9



595959



# Same Dimension

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



898807



B3B100



4A8907



45453E



858400



050500



# Inverse Universe

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



070889



0001B3



460789



3E3E45



000185



000005



# Previews

## White Background



This preview shows how the Hex color 898807 looks on a white background.

## Color Contrast Check

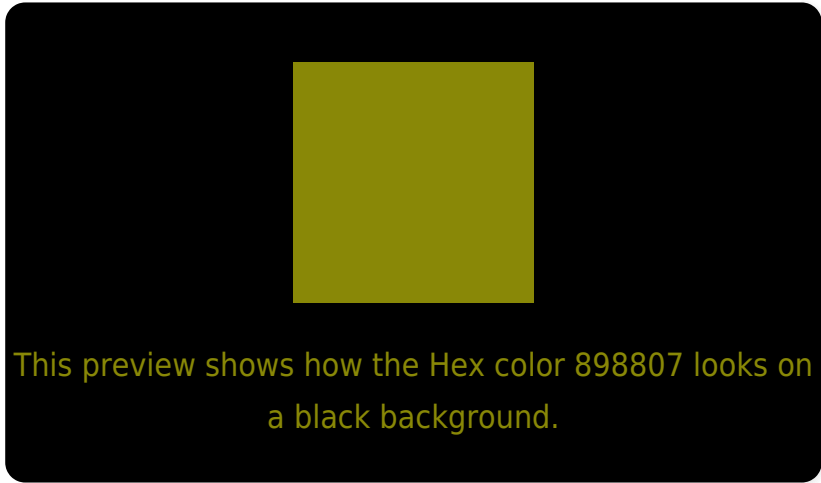
Large Text (above 18pt) WCAG AA ✓ Pass

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 898807 Background



This preview shows how black text looks on a background with the Hex color 898807.



This preview shows how white text looks on a background with the Hex color 898807.

# 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**  
898807

**Protanopia**  
958402

**Deuteranopia**  
A67D15



**Tritanopia**  
927E88

# Trichromacy



**Original Color**  
898807

**Protanomaly**  
918504

**Deuteranomaly**  
9B8110

**Tritanomaly**  
8F8259

# Monochromacy



**Original Color**  
898807

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7F7F50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 898807 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 #898807 looks like.

```
.text, #text, p{  
    color:#898807  
}
```

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 #898807 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898807
}
```

## Border

The CSS property to change the border of an element to Hex 898807 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
#898807 }
```

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

```
.border{ border-color:#898807 }
```

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

Here you see how a box with a 4 pixel #898807 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898807; -webkit-box-shadow:4px 4px  
4px 4px #898807; box-shadow:4px 4px 4px  
4px #898807 }
```

# Background

The CSS property to change the background color of an element to Hex 898807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898807 }
```

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

```
.background{ background-color:#898807 }
```

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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