

Converting Colors

Hex(9E8A03)

Have a look what the booklet for
Hex(9E8A03) contains.

Hex(9E8A03)	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(9E8A03)

Conversions

Conversions Part 1

Format	Color
Hex	9E8A03
RGB	158, 138, 3
RGB Percent	62%, 54%, 1%
CMY	0.3804, 0.4588, 0.9882
CMYK	0.00, 0.13, 0.98, 0.38
HSL	52°, 96%, 32%
HSV	52°, 98%, 62%
XYZ	23.2055, 25.4526, 3.7759
YIQ	128.5900, 55.2550, -37.7450

Conversions

Conversions Part 2

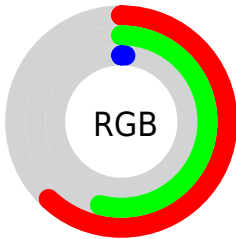
Format	Color
R_{YB}	26, 158, 3
Decimal	10390019
CIE Lab	57.51, -4.37, 61.53
CIE LCh	58, 61.682, 94.060
Yxy	25.4526, 0.4426, 0.4854
Android (android.graphics.Color)	4288580099 (0xFF9E8A03)
YUV	128.5900, -61.9159, 25.7926
Hunter-Lab	50.4506, -6.1850, 30.8779

Details

The Hex color **9E8A03** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **03179E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D8BF47**, and **665900** is the 20% darker color. If you saturate the color by 10%, you get **9E8A00**, and if you desaturate by 10%, it is **9E8C13**.

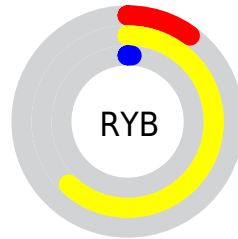
Distribution



Red (62%)

Green (54%)

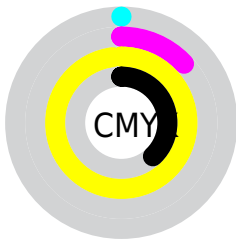
Blue (1%)



Red (10%)

Yellow (62%)

Blue (1%)

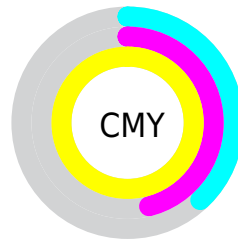


Cyan (0%)

Magenta (13%)

Yellow (98%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E8A03 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 9E8A03 by changing the saturation by 10% instead.



9E8A03



9E8A03

FFFFFF



827100



D8BF47



665900



F6DB62



4B4200



FFF77D



312C00



FFFF98



181800



FFFFB4



000000



FFFFD1



FFFFEE



9E8A03



9E8A03

■ 9E8A00

■ 9E8C13

■ 9E8E23

■ 9E9032

■ 9E9242

■ 9E9452

■ 9E9662

■ 9E9872

■ 9E9A81

■ 9E9C91

Harmonies

Analogous

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



C97624



9E8A03



669827

Triad

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



9E8A03



00A2C5



D060BA

Complementary

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



9E8A03



03179E

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.



9478E4



9E8A03



009CEB

Square

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



9E8A03



00A390



008EF6



EA5485

Rectangle

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



9E8A03



2E9E47



008EF6



C168CA

Sweetspot

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



9E8A03



CFC793



9E0318



696444



E8E8E8



696969

Same Dimension

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



9E8A03



CFB400



659E03



4F4E47



8F7C00



0F0D00

Inverse Universe

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



03179E



001BCF



3C039E



47484F



00128F



00020F

Previews

White Background



This preview shows how the Hex color 9E8A03 looks on a white background.

Color Contrast Check

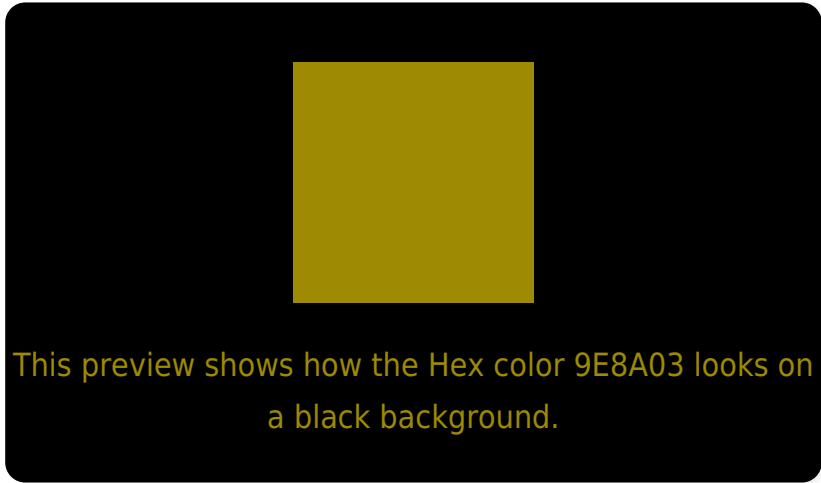
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E8A03 Background



This preview shows how black text looks on a background with the Hex color 9E8A03.

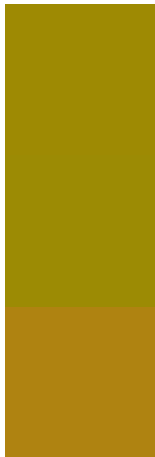


This preview shows how white text looks on a background with the Hex color 9E8A03.

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
9E8A03

Protanopia
9C8B04

Deuteranopia
AF8311



Tritanopia
A6808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E8A03 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 #9E8A03 looks like.

```
.text, #text, p{  
    color:#9E8A03  
}
```

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 #9E8A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E8A03
}
```

Border

The CSS property to change the border of an element to Hex 9E8A03 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
#9E8A03 }
```

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

```
.border{ border-color:#9E8A03 }
```

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

Here you see how a box with a 4 pixel #9E8A03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E8A03; -webkit-box-shadow:4px 4px  
4px 4px #9E8A03; box-shadow:4px 4px 4px  
4px #9E8A03 }
```

Background

The CSS property to change the background color of an element to Hex 9E8A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E8A03 }
```

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

```
.background{ background-color:#9E8A03 }
```

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