

# Converting Colors

Hex(988C39)

Have a look what the booklet for  
Hex(988C39) contains.

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**Color**

**Hex(988C39)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	988C39
RGB	152, 140, 57
RGB Percent	60%, 55%, 22%
CMY	0.4039, 0.4510, 0.7765
CMYK	0.00, 0.08, 0.62, 0.40
HSL	52°, 45%, 41%
HSV	52°, 62%, 60%
XYZ	23.0655, 25.7270, 7.6210
YIQ	134.1260, 33.7950, -23.2690

# Conversions

## Conversions Part 2

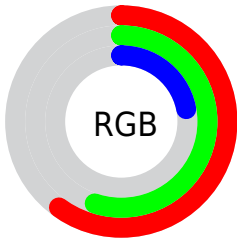
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 152, 57
Decimal	9997369
CIE <sub>Lab</sub>	57.78, -6.13, 44.78
CIE <sub>LCh</sub>	58, 45.197, 97.796
Yxy	25.7270, 0.4089, 0.4560
Android (android.graphics.Color)	4288187449 (0xFF988C39)
YUV	134.1260, -38.0231, 15.6755
Hunter-Lab	50.7218, -7.5910, 26.5968

# Details

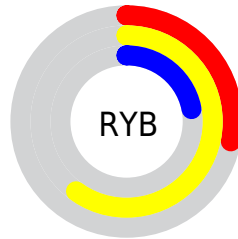
The Hex color **988C39** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **394598**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D0C16C**, and **625A01** is the 20% darker color. If you saturate the color by 10%, you get **988A2A**, and if you desaturate by 10%, it is **988E48**.

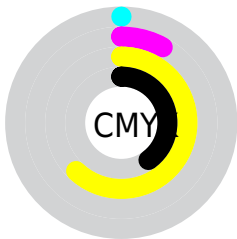
# Distribution



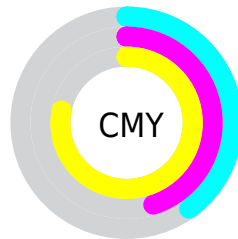
- Red (60%)
- Green (55%)
- Blue (22%)



- Red (28%)
- Yellow (60%)
- Blue (22%)



- Cyan (0%)
- Magenta (8%)
- Yellow (62%)
- Black (40%)



- Cyan (40%)
- Magenta (45%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 988C39 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 988C39 by changing the saturation by 10% instead.





988C39



988C39

FFFFFF



7D7320



D0C16C



625A01



EEDD86



494300



FFFAA1



2F2D00



FFFFBC



171900



FFFFD8



000000



FFFFF5



988C39



988C39



988A2A



988E48

■ 98881B

■ 989057

■ 98860B

■ 989267

■ 988500

■ 989476

■ 989685

■ 989894

■ 9899A3

■ 989BB3

■ 989DC2

# Harmonies

## Analogous

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



BA7E41



988C39



6E964A

# Triad

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



988C39



009DBA



C46EA9

# Complementary

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



988C39



394598

# 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.



9B7CC9



988C39



0097D3

# Square

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



988C39



009F94



588CD9



D46982

# Rectangle

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



988C39



4B9B5F



588CD9



B972B5



# Sweetspot

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



988C39



C4C09F



983946



63614D



E3E3E3



636363



# Same Dimension

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



988C39



C4B231



759839



4D4C45



8C7B00



0D0B00



# Inverse Universe

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



394598



3144C4



5C3998



45464D



00128C



00020D



# Previews

## White Background



This preview shows how the Hex color 988C39 looks on a white background.

## Color Contrast Check

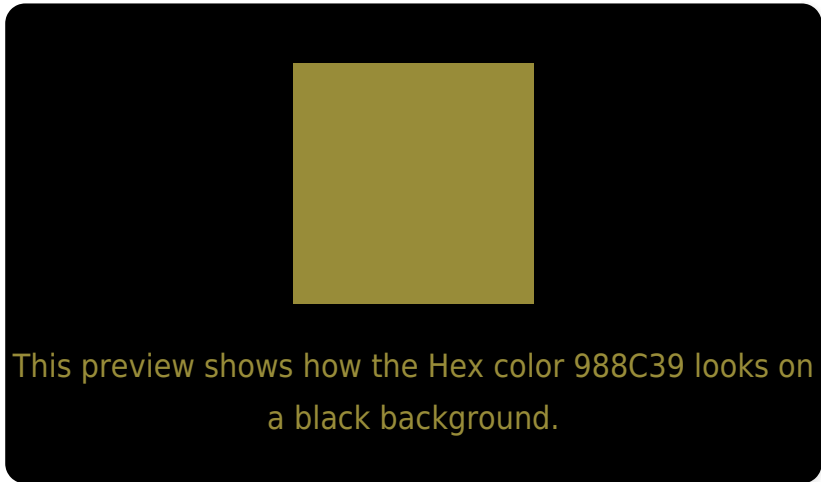
Large Text (above 18pt) WCAG AA ✓ Pass

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

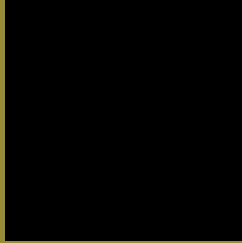
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 988C39 Background



This preview shows how black text looks on a background with the Hex color 988C39.



This preview shows how white text looks on a background with the Hex color 988C39.

# 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**  
988C39

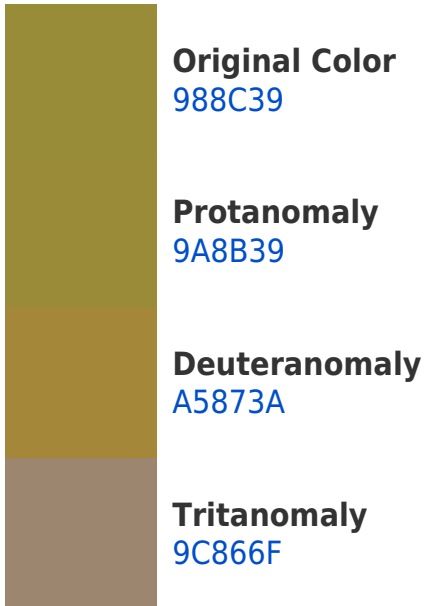
**Protanopia**  
9B8B39

**Deuteranopia**  
AC843B

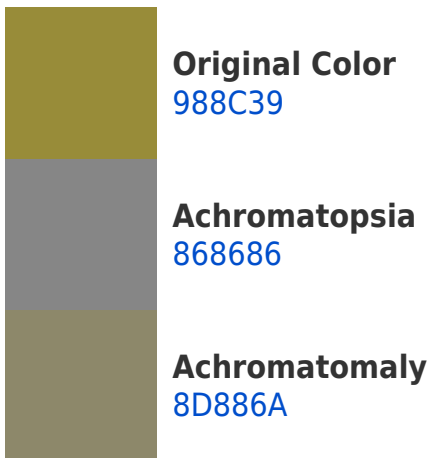


**Tritanopia**  
9F838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 988C39 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 #988C39 looks like.

```
.text, #text, p{  
    color:#988C39  
}
```

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 #988C39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #988C39
}
```

## Border

The CSS property to change the border of an element to Hex 988C39 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
#988C39 }
```

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

```
.border{ border-color:#988C39 }
```

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

Here you see how a box with a 4 pixel #988C39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #988C39; -webkit-box-shadow:4px 4px  
4px 4px #988C39; box-shadow:4px 4px 4px  
4px #988C39 }
```

# Background

The CSS property to change the background color of an element to Hex 988C39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#988C39 }
```

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

```
.background{ background-color:#988C39 }
```

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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