

# Converting Colors

Hex(988F3B)

Have a look what the booklet for  
Hex(988F3B) contains.

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**Color**

**Hex(988F3B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	988F3B
RGB	152, 143, 59
RGB Percent	60%, 56%, 23%
CMY	0.4039, 0.4392, 0.7686
CMYK	0.00, 0.06, 0.61, 0.40
HSL	54°, 44%, 41%
HSV	54°, 61%, 60%
XYZ	23.5608, 26.6361, 8.0372
YIQ	136.1150, 32.3280, -24.2160

# Conversions

## Conversions Part 2

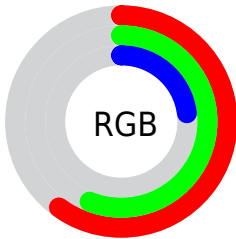
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 152, 59
Decimal	9998139
CIELab	58.64, -7.62, 44.79
CIELCh	59, 45.429, 99.652
Yxy	26.6361, 0.4046, 0.4574
Android (android.graphics.Color)	4288188219 (0xFF988F3B)
YUV	136.1150, -38.0177, 13.9311
Hunter-Lab	51.6102, -8.8300, 26.8940

# Details

The Hex color **988F3B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3B4498**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D0C56E**, and **625D03** is the 20% darker color. If you saturate the color by 10%, you get **988E2C**, and if you desaturate by 10%, it is **98904A**.

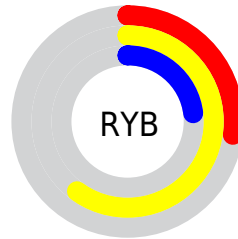
# Distribution



Red (60%)

Green (56%)

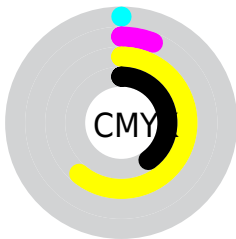
Blue (23%)



Red (27%)

Yellow (60%)

Blue (23%)

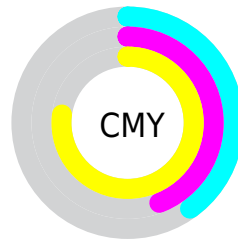


Cyan (0%)

Magenta (6%)

Yellow (61%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 988F3B 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 988F3B by changing the saturation by 10% instead.



 988F3B

 988F3B

FFFFFF

 7D7622

 D0C56E

 625D03


 EDE088

 494600

 FFFDA3

 302F00

 FFFFBF

 171B00

 FFFFDB

 000000

 FFFFF8

 988F3B

 988F3B

 988E2C

 98904A

■ 988C1D

■ 989259

■ 988B0D

■ 989369

■ 988900

■ 989578

■ 989687

■ 989896

■ 9899A5

■ 989BB5

■ 989CC4

# Harmonies

## Analogous

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



BB8142



988F3B



6D994D

# Triad

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



988F3B



009FBF



C86FAA

# Complementary

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



988F3B



3B4498

# 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.



A17DCB



988F3B



0099D7

# Square

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



988F3B



00A199



608DDB



D76B82

# Rectangle

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



988F3B



499E63



608DDB



BE73B6



# Sweetspot

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



988F3B



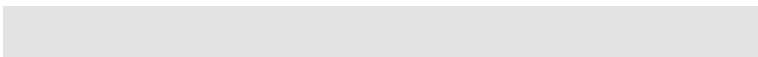
C4C1A1



983B44



63614E



E3E3E3



636363



# Same Dimension

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



988F3B



C4B635



73983B



4D4C45



8C7F00



0D0C00



# Inverse Universe

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



3B4498



3543C4



603B98



45464D



000E8C



00010D



# Previews

## White Background



This preview shows how the Hex color 988F3B looks on a white background.

## Color Contrast Check

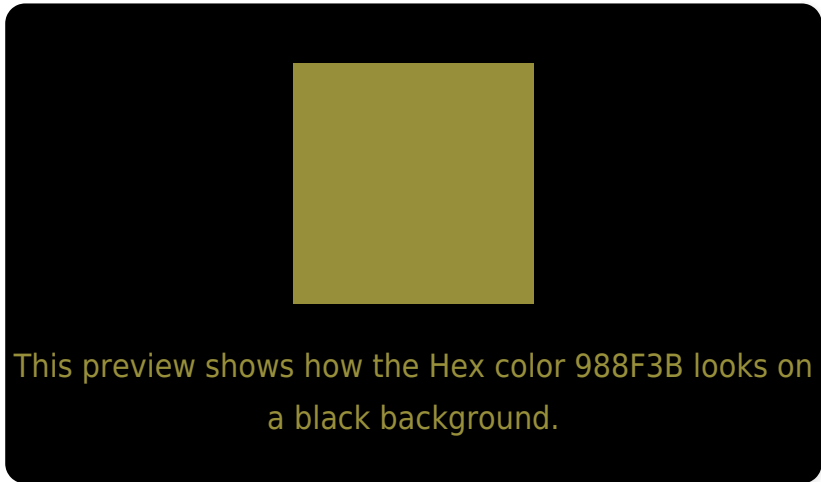
Large Text (above 18pt) WCAG AA ✓ Pass

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 988F3B Background



This preview shows how black text looks on a background with the Hex color 988F3B.



This preview shows how white text looks on a background with the Hex color 988F3B.

# 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**  
988F3B

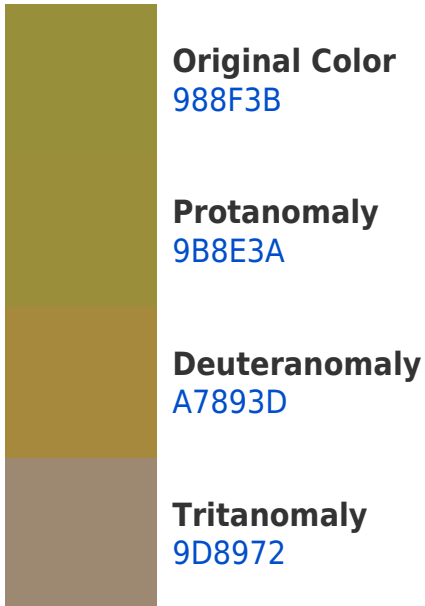
**Protanopia**  
9D8D3A

**Deuteranopia**  
AF863E

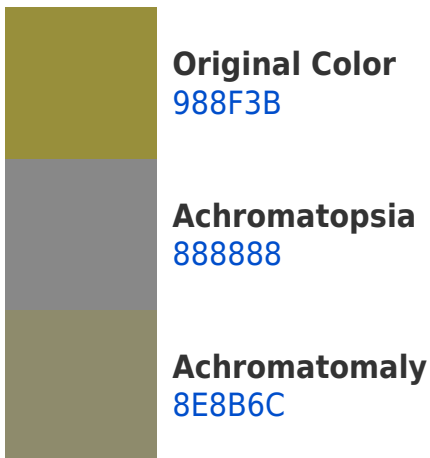


**Tritanopia**  
A08691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 988F3B 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 #988F3B looks like.

```
.text, #text, p{  
    color:#988F3B  
}
```

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 #988F3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #988F3B
}
```

## Border

The CSS property to change the border of an element to Hex 988F3B 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
#988F3B }
```

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

```
.border{ border-color:#988F3B }
```

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

Here you see how a box with a 4 pixel #988F3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #988F3B; -webkit-box-shadow:4px 4px  
4px 4px #988F3B; box-shadow:4px 4px 4px  
4px #988F3B }
```

# Background

The CSS property to change the background color of an element to Hex 988F3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#988F3B }
```

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

```
.background{ background-color:#988F3B }
```

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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