

# Converting Colors

Hex(88933F)

Have a look what the booklet for  
Hex(88933F) contains.

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**Color**

**Hex(88933F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88933F
RGB	136, 147, 63
RGB Percent	53%, 58%, 25%
CMY	0.4667, 0.4235, 0.7529
CMYK	0.07, 0.00, 0.57, 0.42
HSL	68°, 40%, 41%
HSV	68°, 57%, 58%
XYZ	21.4843, 26.4606, 8.6777
YIQ	134.1350, 20.4080, -28.4560

# Conversions

## Conversions Part 2

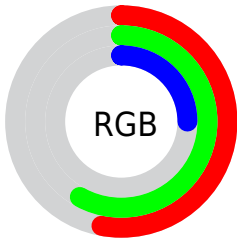
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 147, 74
Decimal	8950591
CIELab	58.47, -16.42, 42.33
CIElCh	58, 45.404, 111.203
Yxy	26.4606, 0.3794, 0.4673
Android (android.graphics.Color)	4287140671 (0xFF88933F)
YUV	134.1350, -35.0696, 1.6356
Hunter-Lab	51.4398, -15.4677, 26.0059

# Details

The Hex color **88933F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4A3F93**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BFC972**, and **54610A** is the 20% darker color. If you saturate the color by 10%, you get **869330**, and if you desaturate by 10%, it is **8A934E**.

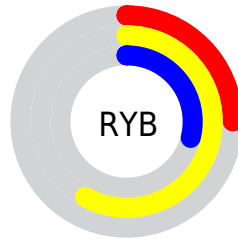
# Distribution



Red (53%)

Green (58%)

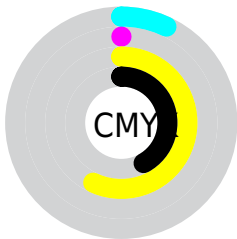
Blue (25%)



Red (25%)

Yellow (58%)

Blue (29%)

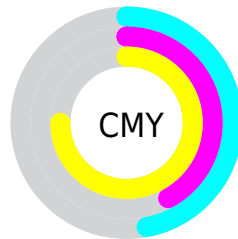


Cyan (7%)

Magenta (0%)

Yellow (57%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88933F 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 88933F by changing the saturation by 10% instead.



 88933F

 88933F

FFFFFF

 6E7926

 BFC972

 54610A

 DCE58C

 3B4900

 F9FFA7

 233200

 FFFFC3

 051E00

 FFFFDF

 000000

FFFFFFC

 88933F

 88933F

 869330

 8A934E

 849322

 8C935C

 829313

 8E936B

 809304

 90937A

 809300

 929389

 949397

 9593A6

 9793B5

 9993C3

# Harmonies

## Analogous

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



AE863C



88933F



599C59

# Triad

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



88933F



009DCA



D06C9A

# Complementary

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



88933F



4A3F93

# 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.



B277BF



88933F



0B94DB

# Square

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



88933F



00A1A8



7C87D7



D76C72

# Rectangle

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



88933F



2A9F72



7C87D7



C96FA7



# Sweetspot

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



88933F



BBBF9F



93493F



5E614E



E0E0E0



616161



# Same Dimension

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



88933F



AEBF3B



5F933F



494A43



788A00



090A00



# Inverse Universe

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



4A3F93



4D3BBF



733F93



44434A



12008A



01000A



# Previews

## White Background



This preview shows how the Hex color 88933F looks on a white background.

## Color Contrast Check

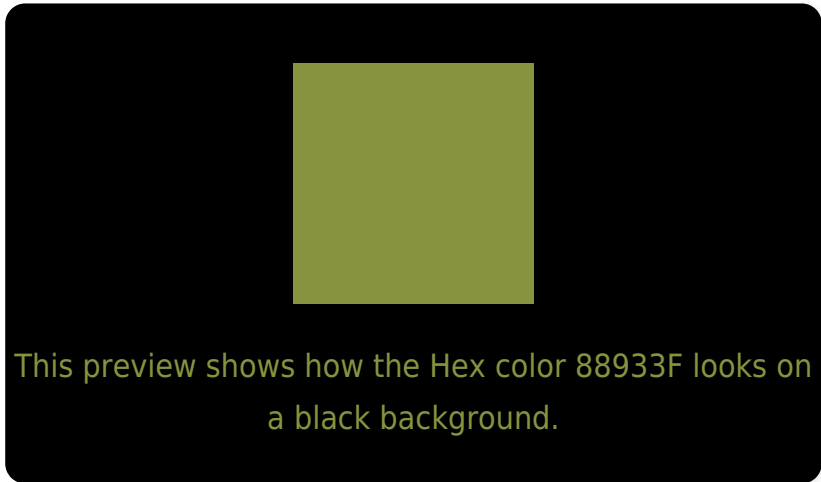
Large Text (above 18pt) WCAG AA ✓ Pass

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

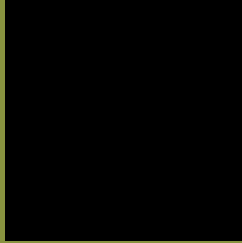
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 88933F Background



This preview shows how black text looks on a background with the Hex color 88933F.



This preview shows how white text looks on a background with the Hex color 88933F.

# 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**  
88933F

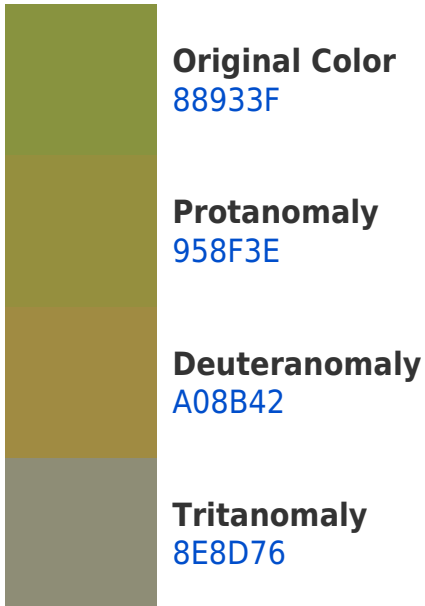
**Protanopia**  
9C8D3D

**Deuteranopia**  
AD8643

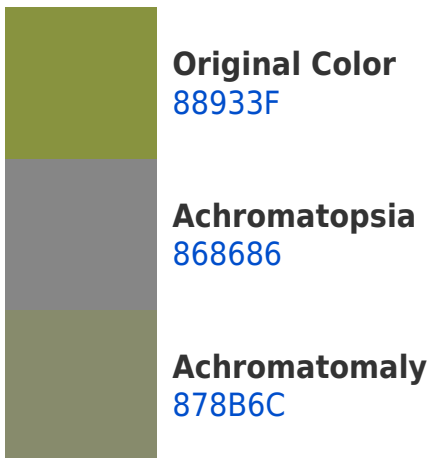


**Tritanopia**  
918A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88933F 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 #88933F looks like.

```
.text, #text, p{  
    color:#88933F  
}
```

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 #88933F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88933F  
}
```

## Border

The CSS property to change the border of an element to Hex 88933F 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  
#88933F }
```

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

```
.border{ border-color:#88933F }
```

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

Here you see how a box with a 4 pixel #88933F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88933F; -webkit-box-shadow:4px 4px  
4px 4px #88933F; box-shadow:4px 4px 4px  
4px #88933F }
```

# Background

The CSS property to change the background color of an element to Hex 88933F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88933F }
```

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

```
.background{ background-color:#88933F }
```

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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