

# Converting Colors

Hex(89873F)

Have a look what the booklet for  
Hex(89873F) contains.

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# Color

**Hex(89873F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89873F
RGB	137, 135, 63
RGB Percent	54%, 53%, 25%
CMY	0.4627, 0.4706, 0.7529
CMYK	0.00, 0.01, 0.54, 0.46
HSL	58°, 37%, 39%
HSV	58°, 54%, 54%
XYZ	19.8777, 23.0052, 8.0954
YIQ	127.3900, 24.3040, -21.9680

# Conversions

## Conversions Part 2

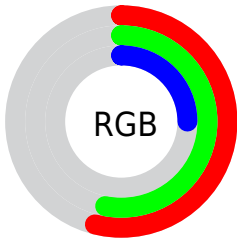
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 137, 63
Decimal	9013055
CIELab	55.08, -9.58, 38.45
CIElCh	55, 39.625, 103.993
Yxy	23.0052, 0.3899, 0.4513
Android (android.graphics.Color)	4287203135 (0xFF89873F)
YUV	127.3900, -31.7443, 8.4280
Hunter-Lab	47.9637, -9.9604, 23.5675

# Details

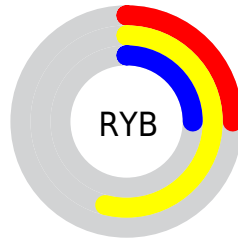
The Hex color **89873F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **3F4189**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C0BC71**, and **55560D** is the 20% darker color. If you saturate the color by 10%, you get **898731**, and if you desaturate by 10%, it is **89874D**.

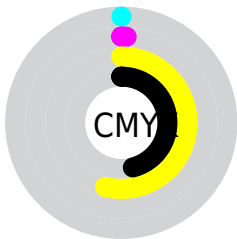
# Distribution



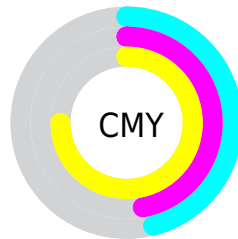
- Red (54%)
- Green (53%)
- Blue (25%)



- Red (25%)
- Yellow (54%)
- Blue (25%)



- Cyan (0%)
- Magenta (1%)
- Yellow (54%)
- Black (46%)



- Cyan (46%)
- Magenta (47%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89873F 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 89873F by changing the saturation by 10% instead.





89873F



89873F

FFFFFF



6F6E27



C0BC71



55560D



DCD88B



3C3E00



FAF4A6



242900



FFFFC1



041500



FFFFDE



000000



FFFFFFA



89873F



89873F



898731



89874D

■ 898624

■ 89885A

■ 898616

■ 898868

■ 898608

■ 898876

■ 898500

■ 898984

■ 898991

■ 898A9F

■ 898AAD

■ 898ABA

# Harmonies

## Analogous

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



A87B41



89873F



638F51

# Triad

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



89873F



0093B3



BA6A98

# Complementary

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



89873F



3F4189

# 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.



9B75B5



89873F



028DC5

# Square

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



89873F



009693



6982C6



C56875

# Rectangle

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



89873F



439365



6982C6



B26DA3



# Sweetspot

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



89873F



B3B296



893F41



595948



D9D9D9



595959



# Same Dimension

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



89873F



B3AF3E



66893F



45453E



858100



050500



# Inverse Universe

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



3F4189



3E42B3



623F89



3E3E45



000485



000005



# Previews

## White Background



This preview shows how the Hex color 89873F looks on a white background.

## Color Contrast Check

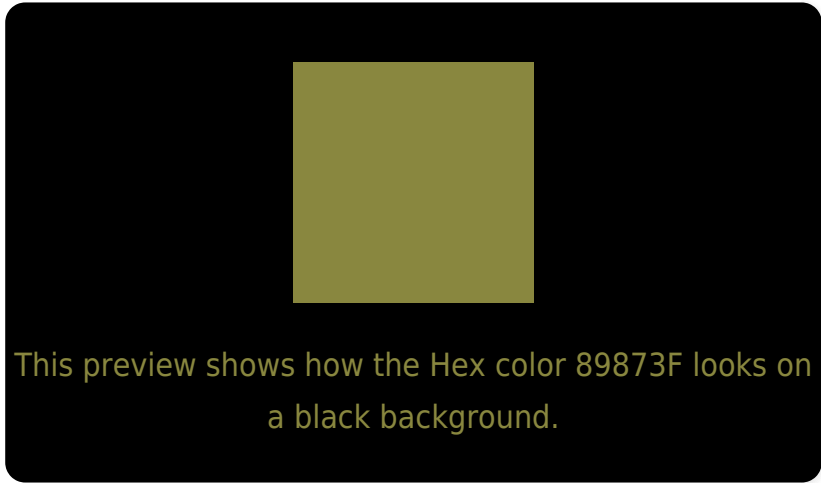
Large Text (above 18pt) WCAG AA ✓ Pass

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 89873F Background



This preview shows how black text looks on a background with the Hex color 89873F.



This preview shows how white text looks on a background with the Hex color 89873F.

# 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**  
89873F

**Protanopia**  
92843E

**Deuteranopia**  
A27E41



**Tritanopia**  
907F89

# Trichromacy



**Original Color**  
89873F

**Protanomaly**  
8F853E

**Deuteranomaly**  
998140

**Tritanomaly**  
8D826E

# Monochromacy



**Original Color**  
89873F

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
838268

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89873F 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 #89873F looks like.

```
.text, #text, p{  
    color:#89873F  
}
```

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 #89873F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89873F
}
```

## Border

The CSS property to change the border of an element to Hex 89873F 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
#89873F }
```

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

```
.border{ border-color:#89873F }
```

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

Here you see how a box with a 4 pixel #89873F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89873F; -webkit-box-shadow:4px 4px  
4px 4px #89873F; box-shadow:4px 4px 4px  
4px #89873F }
```

# Background

The CSS property to change the background color of an element to Hex 89873F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89873F }
```

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

```
.background{ background-color:#89873F }
```

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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