

# Converting Colors

Hex(00873C)

Have a look what the booklet for  
Hex(00873C) contains.

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**Color**

**Hex(00873C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00873C
RGB	0, 135, 60
RGB Percent	0%, 53%, 24%
CMY	1.0000, 0.4706, 0.7647
CMYK	1.00, 0.00, 0.56, 0.47
HSL	147°, 100%, 26%
HSV	147°, 100%, 53%
XYZ	9.4796, 17.6542, 7.1829
YIQ	86.0850, -56.3850, -51.9450

# Conversions

## Conversions Part 2

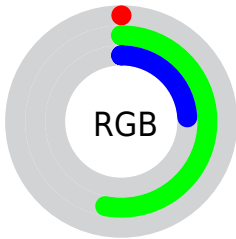
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 93, 135
Decimal	34620
CIELab	49.07, -48.62, 31.38
CIELCh	49, 57.866, 147.156
Yxy	17.6542, 0.2762, 0.5144
Android (android.graphics.Color)	4278224700 (0xFF00873C)
YUV	86.0850, -12.8599, -75.4965
Hunter-Lab	42.0169, -33.2575, 19.2760

# Details

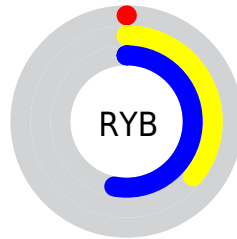
The Hex color **00873C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **87004B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **51BD6D**, and **00540C** is the 20% darker color. If you saturate the color by 10%, you get **00873C**, and if you desaturate by 10%, it is **0D8744**.

# Distribution



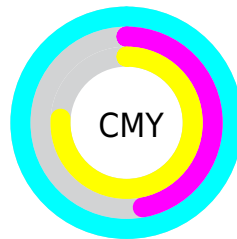
- Red (0%)
- Green (53%)
- Blue (24%)



- Red (0%)
- Yellow (36%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00873C 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 00873C by changing the saturation by 10% instead.



 00873C

 00873C

FFFFFF

 006D24

 51BD6D

 00540C

 6EDA87

 003B00

 8BF7A2

 002600

 A8FFBD

 000000

 C5FFD9

 E2FFF6

 00873C

 0D8744

 1B874B

 298753

 36875A

 448762

 518769

 5E8771

 6C8778

 7A8780

# Harmonies

## Analogous

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



607F0A



00873C



008B6E

# Triad

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



00873C



007CD7



C9484B

# Complementary

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



00873C



87004B

# 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.



C8427B



00873C



6A6ACC

# Square

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



00873C



0087C7



AB52AB



B45D1F

# Rectangle

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



00873C



008B90



AB52AB



CC445B



# Sweetspot

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



00873C



7BB093



4D8700



395947



D9D9D9



595959



# Same Dimension

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



00873C



00B04E



00877E



3C423F



00823A



000301



# Inverse Universe

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



87004B



B00062



870009



423C3F



820048



030001



# Previews

## White Background



This preview shows how the Hex color 00873C looks on a white background.

## Color Contrast Check

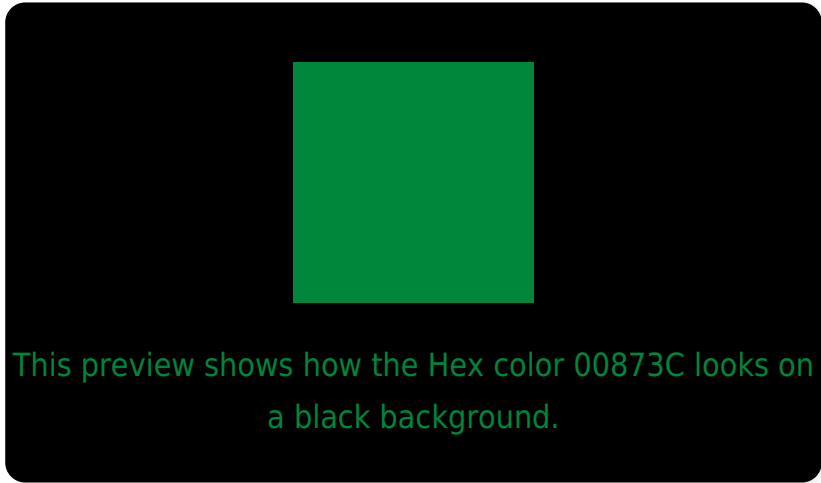
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 00873C Background



This preview shows how black text looks on a background with the Hex color 00873C.



This preview shows how white text looks on a background with the Hex color 00873C.

# 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**  
00873C

**Protanopia**  
817436

**Deuteranopia**  
8D6F43



**Tritanopia**  
357F89

# Trichromacy



**Original Color**  
00873C



**Protanomaly**  
527B38



**Deuteranomaly**  
5A7840



**Tritanomaly**  
22826D

# Monochromacy



**Original Color**  
00873C



**Achromatopsia**  
565656



**Achromatomaly**  
37684D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00873C 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 #00873C looks like.

```
.text, #text, p{  
    color:#00873C  
}
```

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 #00873C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00873C
}
```

## Border

The CSS property to change the border of an element to Hex 00873C 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
#00873C }
```

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

```
.border{ border-color:#00873C }
```

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

Here you see how a box with a 4 pixel #00873C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00873C; -webkit-box-shadow:4px 4px  
4px 4px #00873C; box-shadow:4px 4px 4px  
4px #00873C }
```

# Background

The CSS property to change the background color of an element to Hex 00873C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00873C }
```

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

```
.background{ background-color:#00873C }
```

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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