

Converting Colors

Hex(00873E)

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

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Color

Hex(00873E)

Conversions

Conversions Part 1

Format	Color
Hex	00873E
RGB	0, 135, 62
RGB Percent	0%, 53%, 24%
CMY	1.0000, 0.4706, 0.7569
CMYK	1.00, 0.00, 0.54, 0.47
HSL	148°, 100%, 26%
HSV	148°, 100%, 53%
XYZ	9.5335, 17.6757, 7.4667
YIQ	86.3130, -57.0270, -51.3230

Conversions

Conversions Part 2

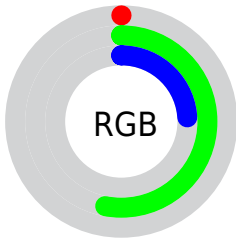
Format	Color
RYB	0, 93, 135
Decimal	34622
CIELab	49.10, -48.29, 30.38
CIELCh	49, 57.053, 147.827
Yxy	17.6757, 0.2749, 0.5097
Android (android.graphics.Color)	4278224702 (0xFF00873E)
YUV	86.3130, -11.9863, -75.6965
Hunter-Lab	42.0425, -33.0982, 18.8999

Details

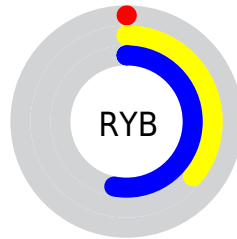
The Hex color **00873E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **870049**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **51BD6F**, and **00540F** is the 20% darker color. If you saturate the color by 10%, you get **00873E**, and if you desaturate by 10%, it is **0D8745**.

Distribution



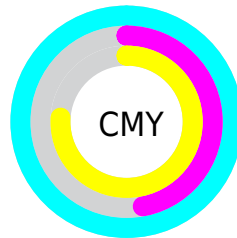
- Red (0%)
- Green (53%)
- Blue (24%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (47%)



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

Brightness & Saturation Gradients

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

 00873E

 00873E

FFFFFF

 006D26

 51BD6F

 00540F

 6EDA89

 003B00

 8BF7A4

 002600

 A8FFBF

 000000

 C5FFDB

 E2FFF8

 00873E

 0D8745

 1B874D

 298754

 36875B

 448762

 51876A

 5E8771

 6C8778

 7A8780

Harmonies

Analogous

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



607F0F



00873E



008B70

Triad

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



00873E



007CD6



C84A4B

Complementary

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



00873E



870049

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.



C8437A



00873E



6C69CB

Square

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



00873E



0086C6



AB53A9



B35E20

Rectangle

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



00873E



008B91



AB53A9



CB455A

Sweetspot

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



00873E



7BB093



4A8700



395948



D9D9D9



595959

Same Dimension

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



00873E



00B051



008780



3C423F



00823C



000301

Inverse Universe

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



870049



B0005F



870007



423C3F



820046



030001

Previews

White Background



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

Color Contrast Check

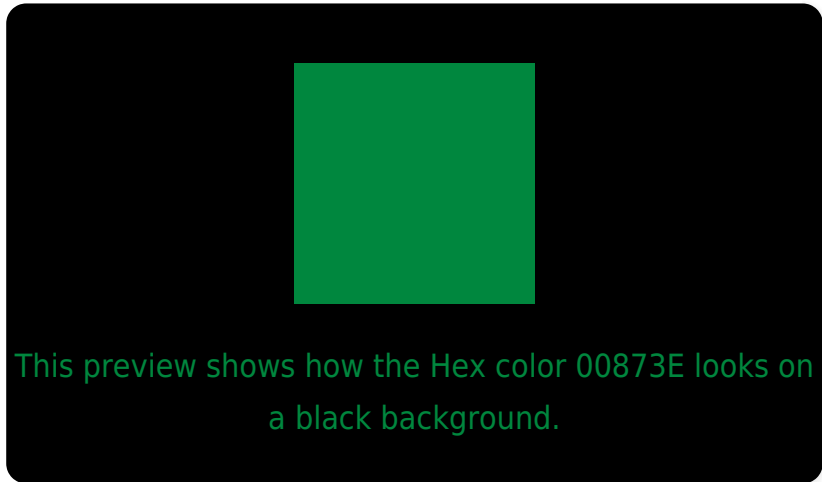
Large Text (above 18pt) WCAG AA ✓ Pass

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 00873E Background



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

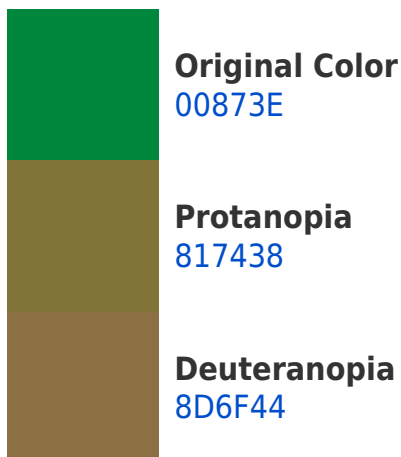


This preview shows how white text looks on a background with the Hex color 00873E.

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





Tritanopia
357F89

Trichromacy



Original Color
00873E



Protanomaly
527B3A



Deuteranomaly
5A7842



Tritanomaly
22826E

Monochromacy



Original Color
00873E



Achromatopsia
565656



Achromatomaly
37684D

CSS Examples

Text

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

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

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 #00873E colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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