

Converting Colors

Hex(00813F)

Have a look what the booklet for
Hex(00813F) contains.

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Color

Hex(00813F)

Conversions

Conversions Part 1

Format	Color
Hex	00813F
RGB	0, 129, 63
RGB Percent	0%, 51%, 25%
CMY	1.0000, 0.4941, 0.7529
CMYK	1.00, 0.00, 0.51, 0.49
HSL	149°, 100%, 25%
HSV	149°, 100%, 51%
XYZ	8.7475, 16.0594, 7.3414
YIQ	82.9050, -55.6980, -47.8740

Conversions

Conversions Part 2

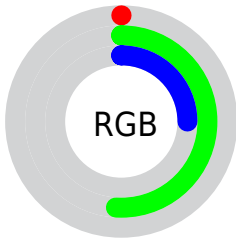
Format	Color
RYB	0, 87, 129
Decimal	33087
CIELab	47.05, -46.03, 27.31
CIELCh	47, 53.523, 149.321
Yxy	16.0594, 0.2721, 0.4995
Android (android.graphics.Color)	4278223167 (0xFF00813F)
YUV	82.9050, -9.8132, -72.7077
Hunter-Lab	40.0742, -31.1665, 17.1903

Details

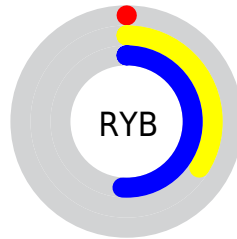
The Hex color **00813F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **810042**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **4FB770**, and **004E11** is the 20% darker color. If you saturate the color by 10%, you get **00813F**, and if you desaturate by 10%, it is **0D8146**.

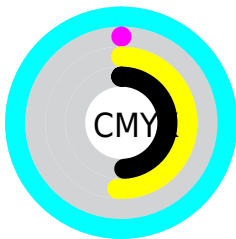
Distribution



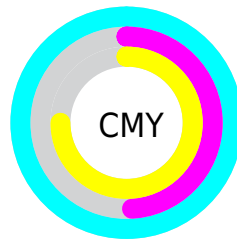
- Red (0%)
- Green (51%)
- Blue (25%)



- Red (0%)
- Yellow (34%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (49%)




- Cyan (100%)
- Magenta (49%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00813F 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 00813F by changing the saturation by 10% instead.

 00813F

 00813F

FFFFFF

 006728

 4FB770

 004E11

 6CD38A

 003600

 88F0A4

 002000

 A5FFC0

 000000

 C2FFDC

 DFFFF8

 FDDFFF

 00813F

 0D8146

 1A814C

 278153

 348159

 418160

 4D8167

 5A816D

 678174

 74817A

Harmonies

Analogous

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



5A7A16



00813F



00846D

Triad

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



00813F



0075CA



BD4946

Complementary

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



00813F



810042

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.



BE4273



00813F



6C64BF

Square

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



00813F



0080BD



A44F9E



A95B1F

Rectangle

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



00813F



00858C



A44F9E



C04555

Sweetspot

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



00813F



76A88E



438100



365445



D4D4D4



545454

Same Dimension

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



00813F



00A852



00817F



39403C



00803E



000000

Inverse Universe

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



810042



A80056



810002



40393D



800041



000000

Previews

White Background



This preview shows how the Hex color 00813F looks on a white background.

Color Contrast Check

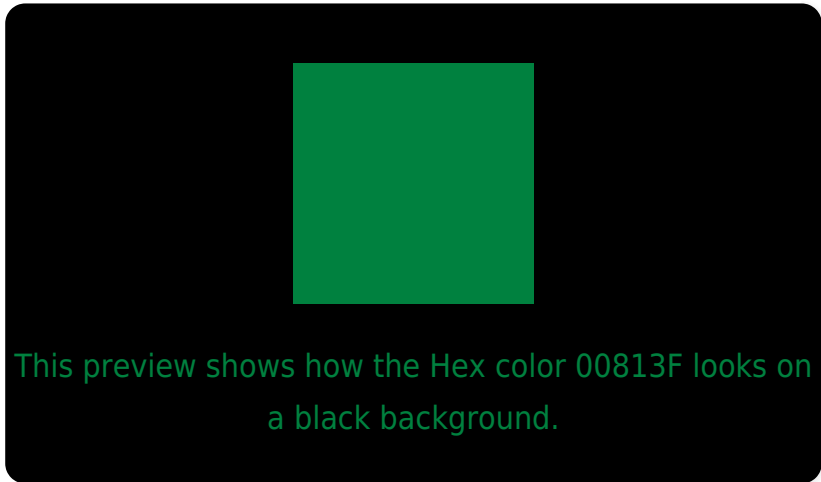
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 00813F Background



This preview shows how black text looks on a background with the Hex color 00813F.



This preview shows how white text looks on a background with the Hex color 00813F.

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
00813F

Protanopia
7B6F39

Deuteranopia
866A45



Tritanopia
327A83

Trichromacy



Original Color
00813F



Protanomaly
4E763B



Deuteranomaly
557243



Tritanomaly
207D6A

Monochromacy



Original Color
00813F



Achromatopsia
535353



Achromatomaly
35644C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00813F 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 #00813F looks like.

```
.text, #text, p{  
    color:#00813F  
}
```

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 #00813F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00813F
}
```

Border

The CSS property to change the border of an element to Hex 00813F 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
#00813F }
```

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

```
.border{ border-color:#00813F }
```

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

Here you see how a box with a 4 pixel #00813F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00813F; -webkit-box-shadow:4px 4px  
4px 4px #00813F; box-shadow:4px 4px 4px  
4px #00813F }
```

Background

The CSS property to change the background color of an element to Hex 00813F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00813F }
```

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

```
.background{ background-color:#00813F }
```

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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