

# Converting Colors

Hex(0C803F)

Have a look what the booklet for  
Hex(0C803F) contains.

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# Color

Hex(0C803F)

# Conversions

## Conversions Part 1

Format	Color
Hex	0C803F
RGB	12, 128, 63
RGB Percent	5%, 50%, 25%
CMY	0.9529, 0.4980, 0.7529
CMYK	0.91, 0.00, 0.51, 0.50
HSL	146°, 83%, 27%
HSV	146°, 91%, 50%
XYZ	8.7680, 15.8754, 7.3048
YIQ	85.9060, -48.2710, -44.8070

# Conversions

## Conversions Part 2

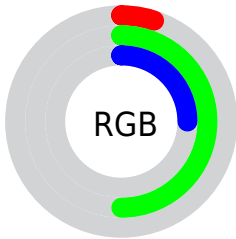
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 93, 128
Decimal	819263
CIE <sub>Lab</sub>	46.81, -44.81, 27.03
CIE <sub>LCh</sub>	47, 52.333, 148.906
Yxy	15.8754, 0.2744, 0.4969
Android (android.graphics.Color)	4279009343 (0xFF0C803F)
YUV	85.9060, -11.2927, -64.8156
Hunter-Lab	39.8439, -30.4464, 17.0209

# Details

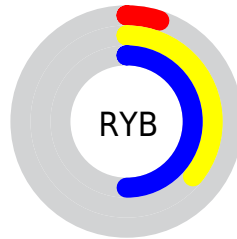
The Hex color **0C803F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **800C4D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **52B670**, and **004D11** is the 20% darker color. If you saturate the color by 10%, you get **008038**, and if you desaturate by 10%, it is **198046**.

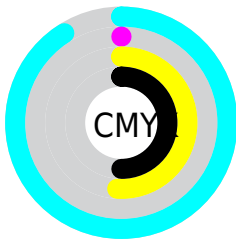
# Distribution



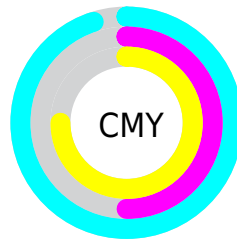
- Red (5%)
- Green (50%)
- Blue (25%)



- Red (5%)
- Yellow (36%)
- Blue (50%)



- Cyan (91%)
- Magenta (0%)
- Yellow (51%)
- Black (50%)



- Cyan (95%)
- Magenta (50%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C803F 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 0C803F by changing the saturation by 10% instead.



 0C803F

 0C803F

FFFFFF

 006628

 52B670

 004D11

 6FD28A

 003500

 8BEFA4

 002000

 A7FFC0

 000000

 C4FFDC

 E1FFF8

 0C803F

 0C803F

 008038

 198046

 26804D

 328055

 3F805C

 4C8063

 59806A

 668071

 728078

 7F8080

# Harmonies

## Analogous

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



5B7918



0C803F



00836C

# Triad

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



0C803F



0075C7



BB4947

# Complementary

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



0C803F



800C4D

# 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.



BB4372



0C803F



6B64BC

# Square

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



0C803F



007FBA



A2509D



A85B21

# Rectangle

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



0C803F



00848A



A2509D



BE4555



# Sweetspot

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



0C803F



79A68D



4E800C



395445



D4D4D4



545454



# Same Dimension

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



0C803F



00A649



0C8078



39403C



008038



000000



# Inverse Universe

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



800C4D



A6005D



800C14



40393D



800047



000000



# Previews

## White Background



This preview shows how the Hex color 0C803F looks on a white background.

## Color Contrast Check

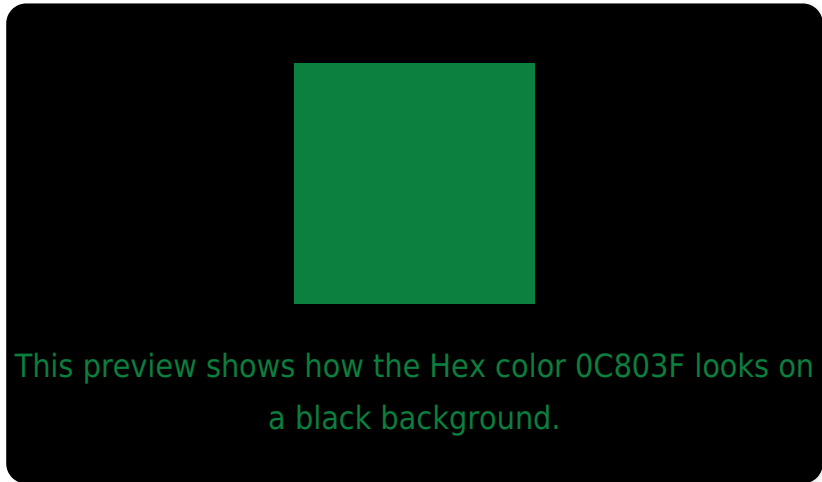
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C803F Background



This preview shows how black text looks on a background with the Hex color 0C803F.



This preview shows how white text looks on a background with the Hex color 0C803F.

# 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**  
0C803F

**Protanopia**  
7A6F39

**Deuteranopia**  
856945



# Trichromacy



**Original Color**  
0C803F



**Protanomaly**  
52753B



**Deuteranomaly**  
597143



**Tritanomaly**  
247C6A

# Monochromacy



**Original Color**  
0C803F



**Achromatopsia**  
565656



**Achromatomaly**  
3B654E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C803F 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 #0C803F looks like.

```
.text, #text, p{  
    color:#0C803F  
}
```

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 #0C803F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C803F
}
```

## Border

The CSS property to change the border of an element to Hex 0C803F 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
#0C803F }
```

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

```
.border{ border-color:#0C803F }
```

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

Here you see how a box with a 4 pixel #0C803F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C803F; -webkit-box-shadow:4px 4px  
4px 4px #0C803F; box-shadow:4px 4px 4px  
4px #0C803F }
```

# Background

The CSS property to change the background color of an element to Hex 0C803F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C803F }
```

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

```
.background{ background-color:#0C803F }
```

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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