

# Converting Colors

Hex(00773F)

Have a look what the booklet for  
Hex(00773F) contains.

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# Color

Hex(00773F)

# Conversions

## Conversions Part 1

Format	Color
Hex	00773F
RGB	0, 119, 63
RGB Percent	0%, 47%, 25%
CMY	1.0000, 0.5333, 0.7529
CMYK	1.00, 0.00, 0.47, 0.53
HSL	152°, 100%, 23%
HSV	152°, 100%, 47%
XYZ	7.4940, 13.5525, 6.9236
YIQ	77.0350, -52.9480, -42.6440

# Conversions

## Conversions Part 2

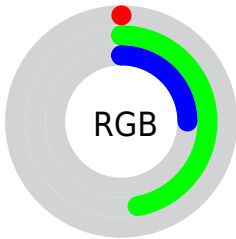
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 119
Decimal	30527
CIELab	43.58, -42.43, 22.90
CIELCh	44, 48.214, 151.638
Yxy	13.5525, 0.2679, 0.4845
Android (android.graphics.Color)	4278220607 (0xFF00773F)
YUV	77.0350, -6.9193, -67.5597
Hunter-Lab	36.8138, -28.0876, 14.6190

# Details

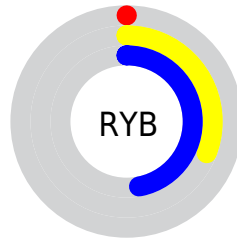
The Hex color **00773F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **770038**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4CAC70**, and **004512** is the 20% darker color. If you saturate the color by 10%, you get **00773F**, and if you desaturate by 10%, it is **0C7745**.

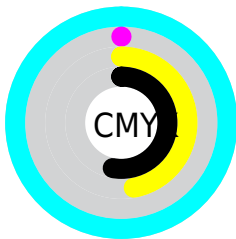
# Distribution



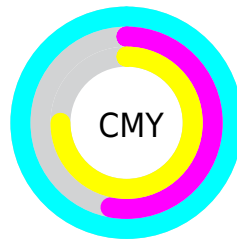
- Red (0%)
- Green (47%)
- Blue (25%)



- Red (0%)
- Yellow (31%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00773F 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 00773F by changing the saturation by 10% instead.



 00773F

 00773F

FFFFFF

 005E28

 4CAC70

 004512

 68C889

 002E00

 84E4A4

 001500

 A0FFBF

 000000

 BDFFD8

 DAFF7

 F7FFFF

 00773F

 0C7745

 18774A

 247750

 307755

 3B775B

 477761

 537766

 5F776C

 6B7771

# Harmonies

## Analogous

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



51711C



00773F



007A68

# Triad

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



00773F



006BB7



AC463F

# Complementary

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



00773F



770038

# 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.



AD4066



00773F



6A5BAB

# Square

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



00773F



0075AD



994A8E



98571E

# Rectangle

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



00773F



007A83



994A8E



AF434C



# Sweetspot

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



00773F



6D9C86



3A7700



334F42



CFCFCF



4F4F4F



# Same Dimension

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



00773F



009C52



007577



353B38



007A41



00FA84



# Inverse Universe

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



770038



9C0049



770200



3B3538



7A003A



FA0076



# Previews

## White Background



This preview shows how the Hex color 00773F looks on a white background.

## Color Contrast Check

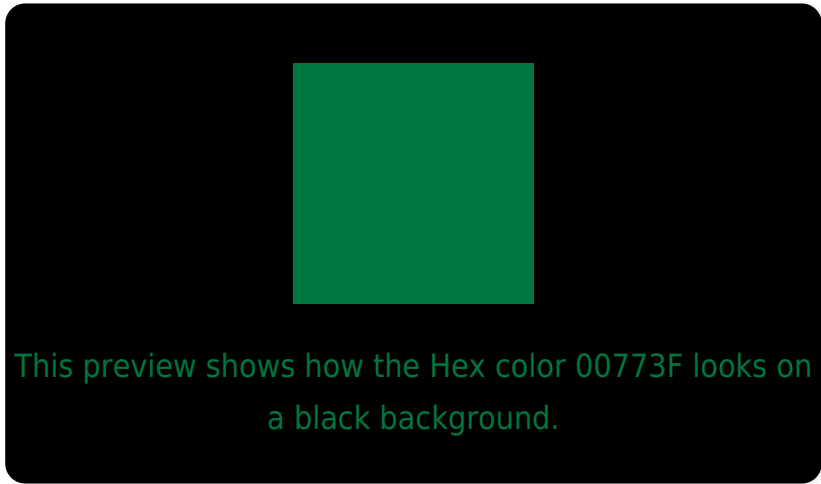
Large Text (above 18pt) WCAG AA ✓ Pass

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 00773F Background



This preview shows how black text looks on a background with the Hex color 00773F.



This preview shows how white text looks on a background with the Hex color 00773F.

# 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**  
00773F

**Protanopia**  
716739

**Deuteranopia**  
7B6244



**Tritanopia**  
2D707A

# Trichromacy



**Original Color**  
00773F



**Protanomaly**  
486D3B



**Deuteranomaly**  
4E6A42



**Tritanomaly**  
1D7365

# Monochromacy



**Original Color**  
00773F



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
315C48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00773F 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 #00773F looks like.

```
.text, #text, p{  
    color:#00773F  
}
```

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 #00773F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00773F
}
```

## Border

The CSS property to change the border of an element to Hex 00773F 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
#00773F }
```

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

```
.border{ border-color:#00773F }
```

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

Here you see how a box with a 4 pixel #00773F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00773F; -webkit-box-shadow:4px 4px  
4px 4px #00773F; box-shadow:4px 4px 4px  
4px #00773F }
```

# Background

The CSS property to change the background color of an element to Hex 00773F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00773F }
```

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

```
.background{ background-color:#00773F }
```

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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