

# Converting Colors

Hex(00973F)

Have a look what the booklet for  
Hex(00973F) contains.

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**Color**

**Hex(00973F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00973F
RGB	0, 151, 63
RGB Percent	0%, 59%, 25%
CMY	1.0000, 0.4078, 0.7529
CMYK	1.00, 0.00, 0.58, 0.41
HSL	145°, 100%, 30%
HSV	145°, 100%, 59%
XYZ	11.9638, 22.4921, 8.4135
YIQ	95.8190, -61.7480, -59.3800

# Conversions

## Conversions Part 2

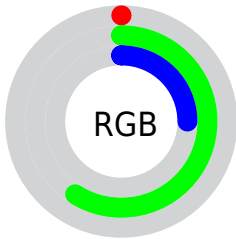
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 107, 151
Decimal	38719
CIELab	54.55, -53.49, 36.44
CIELCh	55, 64.728, 145.735
Yxy	22.4921, 0.2791, 0.5247
Android (android.graphics.Color)	4278228799 (0xFF00973F)
YUV	95.8190, -16.1798, -84.0333
Hunter-Lab	47.4258, -37.9662, 22.6799

# Details

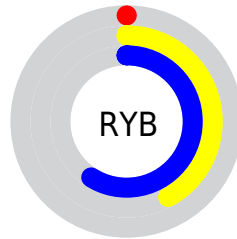
The Hex color **00973F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **970058**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **56CE71**, and **00620C** is the 20% darker color. If you saturate the color by 10%, you get **00973F**, and if you desaturate by 10%, it is **0F9748**.

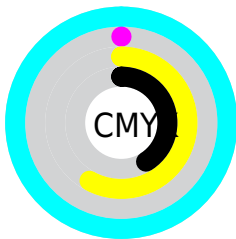
# Distribution



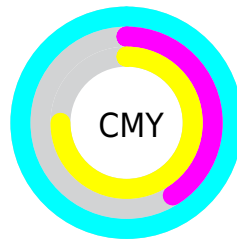
- Red (0%)
- Green (59%)
- Blue (25%)



- Red (0%)
- Yellow (42%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (41%)




- Cyan (100%)
- Magenta (41%)
- Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 00973F 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 00973F by changing the saturation by 10% instead.



 00973F

 00973F

FFFFFF

 007C27

 56CE71

 00620C

 74EB8B

 004900

 92FFA6

 003200

 AFFFC2

 001900

 CCFFDE

 000000

 EAFFFB

 00973F

 0F9748

 1E9751

 2D9759

 3C9762

 4C976B

 5B9774

 6A977D

 799785

 88978E

# Harmonies

## Analogous

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



6E8E00



00973F



009B78

# Triad

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



00973F



008CF3



E34E56

# Complementary

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



00973F



970058

# 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.



E1488D



00973F



7077E8

# Square

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



00973F



0097DF



BE5CC2



CC6622

# Rectangle

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



00973F



009C9F



BE5CC2



E64968



# Sweetspot

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



00973F



89C4A2



589700



40634F



E3E3E3



636363



# Same Dimension

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



00973F



00C452



00978A



454D48



008C3B



000D05



# Inverse Universe

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



970058



C40072



97000D



4D4549



8C0052



0D0007



# Previews

## White Background



This preview shows how the Hex color 00973F looks on a white background.

## Color Contrast Check

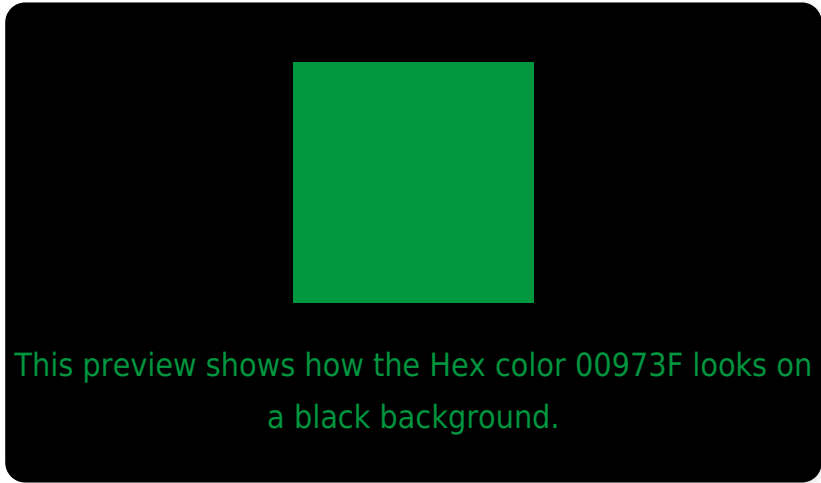
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 00973F Background



This preview shows how black text looks on a background with the Hex color 00973F.



This preview shows how white text looks on a background with the Hex color 00973F.

# 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**  
00973F

**Protanopia**  
908239

**Deuteranopia**  
9F7C47



**Tritanopia**  
3C8E99

# Trichromacy



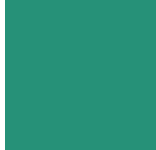
**Original Color**  
00973F



**Protanomaly**  
5C8A3B



**Deuteranomaly**  
658644



**Tritanomaly**  
269178

# Monochromacy



**Original Color**  
00973F



**Achromatopsia**  
606060



**Achromatomaly**  
3D7454

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00973F 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 #00973F looks like.

```
.text, #text, p{  
    color:#00973F  
}
```

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 #00973F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00973F
}
```

## Border

The CSS property to change the border of an element to Hex 00973F 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
#00973F }
```

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

```
.border{ border-color:#00973F }
```

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

Here you see how a box with a 4 pixel #00973F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00973F; -webkit-box-shadow:4px 4px  
4px 4px #00973F; box-shadow:4px 4px 4px  
4px #00973F }
```

# Background

The CSS property to change the background color of an element to Hex 00973F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00973F }
```

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

```
.background{ background-color:#00973F }
```

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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