

Converting Colors

Hex(00993F)

Have a look what the booklet for
Hex(00993F) contains.

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Color

Hex(00993F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 00993F |
| RGB | 0, 153, 63 |
| RGB Percent | 0%, 60%, 25% |
| CMY | 1.0000, 0.4000, 0.7529 |
| CMYK | 1.00, 0.00, 0.59, 0.40 |
| HSL | 145°, 100%, 30% |
| HSV | 145°, 100%, 60% |
| XYZ | 12.2884, 23.1413, 8.5217 |
| YIQ | 96.9930, -62.2980, -60.4260 |

Conversions

Conversions Part 2

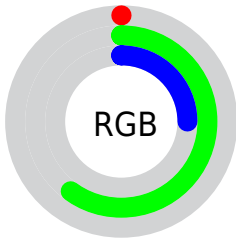
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 108, 153 |
| Decimal | 39231 |
| CIELab | 55.22, -54.15, 37.24 |
| CIELCh | 55, 65.716, 145.481 |
| Yxy | 23.1413, 0.2796, 0.5265 |
| Android (android.graphics.Color) | 4278229311 (0xFF00993F) |
| YUV | 96.9930, -16.7585, -85.0629 |
| Hunter-Lab | 48.1055, -38.5871, 23.1708 |

Details

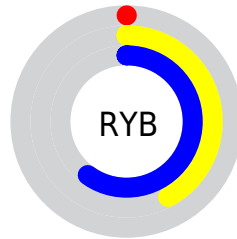
The Hex color **00993F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **99005A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **57D171**, and **00640C** is the 20% darker color. If you saturate the color by 10%, you get **00993F**, and if you desaturate by 10%, it is **0F9948**.

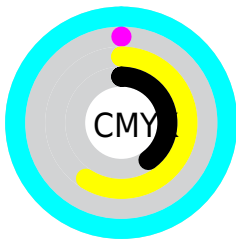
Distribution



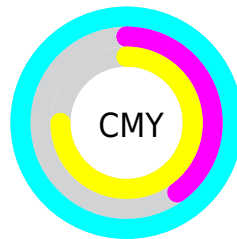
- Red (0%)
- Green (60%)
- Blue (25%)



- Red (0%)
- Yellow (42%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00993F 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 00993F by changing the saturation by 10% instead.

 00993F

 00993F

FFFFFF

 007E26

 57D171

 00640C

 75ED8C

 004B00

 93FFA6

 003400

 B0FFC2

 001B00

 CDFFDE

 000000

 EBFFFB

 00993F

 0F9948

 1F9951

 2E995A

 3D9963

 4D996C

 5C9975

 6B997E

 7A9987

 8A9990

Harmonies

Analogous

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



6F8F00



00993F



009E79

Triad

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



00993F



008EF6



E74E57

Complementary

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



00993F



99005A

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.



E4488F



00993F



7079EC

Square

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



00993F



0099E2



C05DC6



CF6723

Rectangle

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



00993F



009EA1



C05DC6



E94969

Sweetspot

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



00993F



8BC7A4



5C9900



40634E



E3E3E3



636363

Same Dimension

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



00993F



00C752



00998A



454D48



008C3A



000D05

Inverse Universe

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



99005A



C70075



99000F



4D4549



8C0053



0D0008

Previews

White Background



This preview shows how the Hex color 00993F looks on a white background.

Color Contrast Check

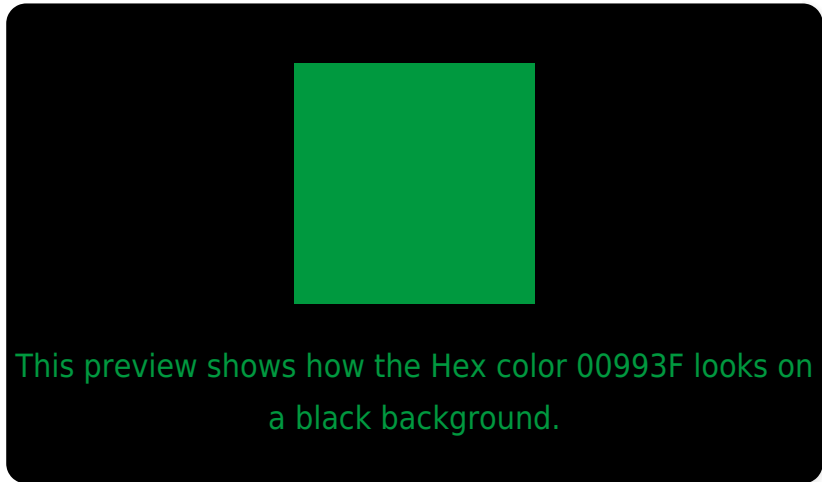
Large Text (above 18pt) WCAG AA ✓ Pass

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 00993F Background



This preview shows how black text looks on a background with the Hex color 00993F.



This preview shows how white text looks on a background with the Hex color 00993F.

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
00993F

Protanopia
928438

Deuteranopia
A17D47



Tritanopia
3D909B

Trichromacy



Original Color
00993F



Protanomaly
5D8C3B



Deuteranomaly
668744



Tritanomaly
27937A

Monochromacy



Original Color
00993F



Achromatopsia
616161



Achromatomaly
3E7555

CSS Examples

Text

The CSS property to change the color of the text to Hex 00993F 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 #00993F looks like.

```
.text, #text, p{  
    color:#00993F  
}
```

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 #00993F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00993F
}
```

Border

The CSS property to change the border of an element to Hex 00993F 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
#00993F }
```

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

```
.border{ border-color:#00993F }
```

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

Here you see how a box with a 4 pixel #00993F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00993F; -webkit-box-shadow:4px 4px  
4px 4px #00993F; box-shadow:4px 4px 4px  
4px #00993F }
```

Background

The CSS property to change the background color of an element to Hex 00993F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00993F }
```

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

```
.background{ background-color:#00993F }
```

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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