

Converting Colors

Hex(00963F)

Have a look what the booklet for
Hex(00963F) contains.

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Color

Hex(00963F)

Conversions

Conversions Part 1

Format	Color
Hex	00963F
RGB	0, 150, 63
RGB Percent	0%, 59%, 25%
CMY	1.0000, 0.4118, 0.7529
CMYK	1.00, 0.00, 0.58, 0.41
HSL	145°, 100%, 29%
HSV	145°, 100%, 59%
XYZ	11.8035, 22.1716, 8.3601
YIQ	95.2320, -61.4730, -58.8570

Conversions

Conversions Part 2

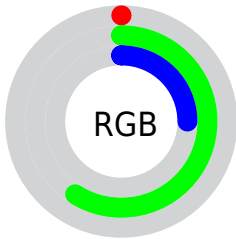
Format	Color
RYB	0, 106, 150
Decimal	38463
CIELab	54.21, -53.17, 36.04
CIELCh	54, 64.233, 145.865
Yxy	22.1716, 0.2788, 0.5237
Android (android.graphics.Color)	4278228543 (0xFF00963F)
YUV	95.2320, -15.8904, -83.5185
Hunter-Lab	47.0867, -37.6559, 22.4340

Details

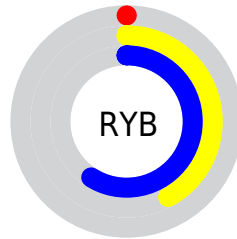
The Hex color **00963F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **960057**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **56CD71**, and **00610D** is the 20% darker color. If you saturate the color by 10%, you get **00963F**, and if you desaturate by 10%, it is **0F9648**.

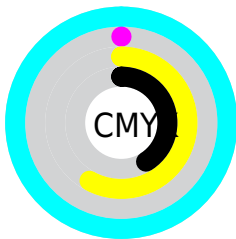
Distribution



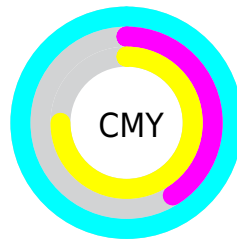
- Red (0%)
- Green (59%)
- Blue (25%)



- 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 00963F 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 00963F by changing the saturation by 10% instead.

 00963F

 00963F

FFFFFF

 007B27

 56CD71

 00610D

 74EA8B

 004800

 91FFA6

 003100

 AEFFC2

 001700

 CCFFDE

 000000

 EAFFFB

 00963F

 0F9648

 1E9650

 2D9659

 3C9662

 4B966B

 5A9673

 69967C

 789685

 87968D

Harmonies

Analogous

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



6D8D00



00963F



009A78

Triad

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



00963F



008BF1



E24E55

Complementary

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



00963F



960057

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.



DF478C



00963F



7076E6

Square

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



00963F



0096DD



BC5CC1



CB6522

Rectangle

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



00963F



009B9E



BC5CC1



E44867

Sweetspot

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



00963F



88C2A0



589600



3E614D



E0E0E0



616161

Same Dimension

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



00963F



00C251



00968A



434A46



008A3A



000A04

Inverse Universe

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



960057



C20070



96000C



4A4347



8A0050



0A0006

Previews

White Background



This preview shows how the Hex color 00963F looks on a white background.

Color Contrast Check

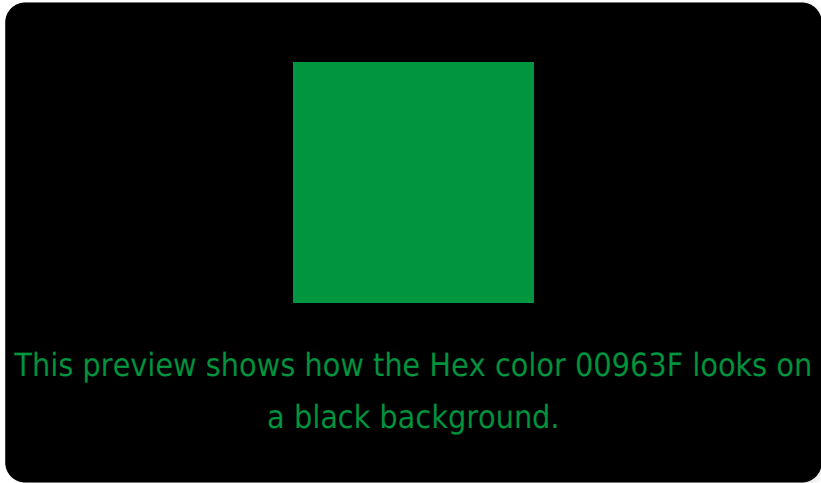
Large Text (above 18pt) WCAG AA ✓ Pass

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 00963F Background



This preview shows how black text looks on a background with the Hex color 00963F.



This preview shows how white text looks on a background with the Hex color 00963F.

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
00963F

Protanopia
8F8139

Deuteranopia
9E7B47



Tritanopia
3B8D98

Trichromacy



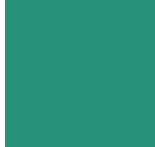
Original Color
0063F



Protanomaly
5B893B



Deuteranomaly
658544



Tritanomaly
269078

Monochromacy



Original Color
0063F



Achromatopsia
5F5F5F



Achromatomaly
3C7353

CSS Examples

Text

The CSS property to change the color of the text to Hex 00963F 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 #00963F looks like.

```
.text, #text, p{  
    color:#00963F  
}
```

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 #00963F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00963F
}
```

Border

The CSS property to change the border of an element to Hex 00963F 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
#00963F }
```

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

```
.border{ border-color:#00963F }
```

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

Here you see how a box with a 4 pixel #00963F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00963F; -webkit-box-shadow:4px 4px  
4px 4px #00963F; box-shadow:4px 4px 4px  
4px #00963F }
```

Background

The CSS property to change the background color of an element to Hex 00963F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00963F }
```

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

```
.background{ background-color:#00963F }
```

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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