

Converting Colors

Hex(00963C)

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

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Color

Hex(00963C)

Conversions

Conversions Part 1

Format	Color
Hex	00963C
RGB	0, 150, 60
RGB Percent	0%, 59%, 24%
CMY	1.0000, 0.4118, 0.7647
CMYK	1.00, 0.00, 0.60, 0.41
HSL	144°, 100%, 29%
HSV	144°, 100%, 59%
XYZ	11.7220, 22.1389, 7.9304
YIQ	94.8900, -60.5100, -59.7900

Conversions

Conversions Part 2

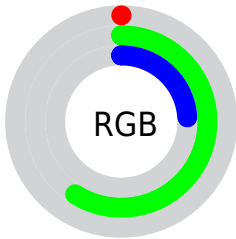
Format	Color
RYB	0, 107, 150
Decimal	38460
CIELab	54.17, -53.59, 37.47
CIELCh	54, 65.392, 145.044
Yxy	22.1389, 0.2805, 0.5298
Android (android.graphics.Color)	4278228540 (0xFF00963C)
YUV	94.8900, -17.2008, -83.2185
Hunter-Lab	47.0520, -37.8718, 22.9434

Details

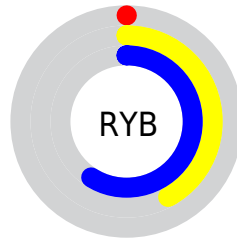
The Hex color **00963C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **96005A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **56CD6E**, and **006108** is the 20% darker color. If you saturate the color by 10%, you get **00963C**, and if you desaturate by 10%, it is **0F9645**.

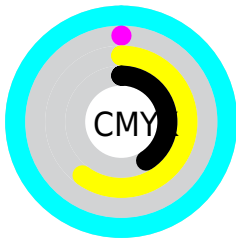
Distribution



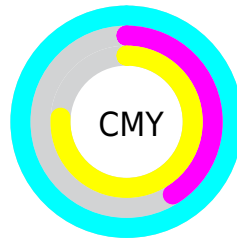
- Red (0%)
- Green (59%)
- Blue (24%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00963C 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 00963C by changing the saturation by 10% instead.

 00963C

 00963C

FFFFFF

 007B23

 56CD6E

 006108

 74EA88

 004800

 91FFA3

 003100

 AFFFBF

 001700

 CCFFDB

 000000

 EAFFF8

 00963C

 0F9645

 1E964E

 2D9657

 3C9660

 4B9669

 5A9672

 69967B

 789684

 87968D

Harmonies

Analogous

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



6E8C00



00963C



009B76

Triad

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



00963C



008BF3



E34B55

Complementary

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



00963C



96005A

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.



E0468D



00963C



6C77E9

Square

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



00963C



0097DE



BC5BC3



CC6421

Rectangle

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



00963C



009B9D



BC5BC3



E64668

Sweetspot

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



00963C



88C29F



5A9600



3E614C



E0E0E0



616161

Same Dimension

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



00963C



00C24E



009687



434A46



008A37



000A04

Inverse Universe

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



96005A



C20074



96000F



4A4347



8A0053



0A0006

Previews

White Background



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

Color Contrast Check

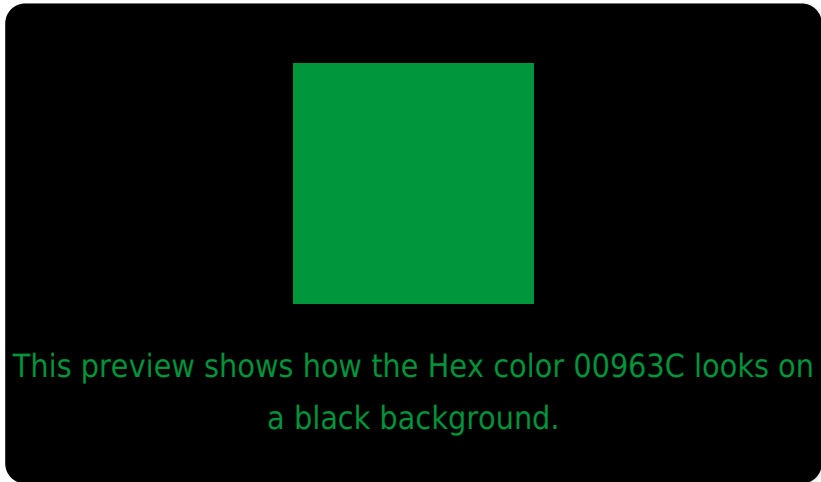
Large Text (above 18pt) WCAG AA ✓ Pass

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 00963C Background



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



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

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
00963C

Protanopia
8F8136

Deuteranopia
9E7B44



Tritanopia
3C8D98

Trichromacy



Original Color
00963C



Protanomaly
5B8938



Deuteranomaly
658541



Tritanomaly
269077

Monochromacy



Original Color
00963C



Achromatopsia
5F5F5F



Achromatomaly
3C7352

CSS Examples

Text

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

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

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 #00963C colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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