

Converting Colors

Hex(00943C)

Have a look what the booklet for
Hex(00943C) contains.

Hex(00943C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00943C)

Conversions

Conversions Part 1

Format	Color
Hex	00943C
RGB	0, 148, 60
RGB Percent	0%, 58%, 24%
CMY	1.0000, 0.4196, 0.7647
CMYK	1.00, 0.00, 0.59, 0.42
HSL	144°, 100%, 29%
HSV	144°, 100%, 58%
XYZ	11.4055, 21.5061, 7.8249
YIQ	93.7160, -59.9600, -58.7440

Conversions

Conversions Part 2

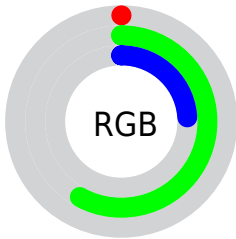
Format	Color
RYB	0, 105, 148
Decimal	37948
CIELab	53.50, -52.94, 36.67
CIELCh	53, 64.406, 145.290
Yxy	21.5061, 0.2800, 0.5279
Android (android.graphics.Color)	4278228028 (0xFF00943C)
YUV	93.7160, -16.6220, -82.1889
Hunter-Lab	46.3746, -37.2547, 22.4581

Details

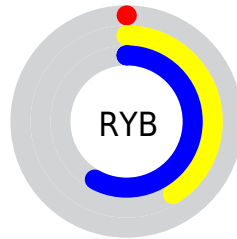
The Hex color **00943C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **940058**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **56CB6E**, and **006008** is the 20% darker color. If you saturate the color by 10%, you get **00943C**, and if you desaturate by 10%, it is **0F9445**.

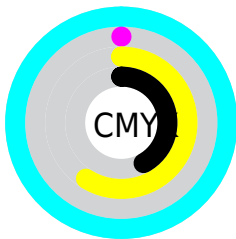
Distribution



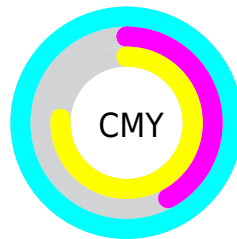
- Red (0%)
- Green (58%)
- Blue (24%)



- Red (0%)
- Yellow (41%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00943C 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 00943C by changing the saturation by 10% instead.

 00943C

 00943C

FFFFFF

 007924

 56CB6E

 006008

 73E888

 004700

 91FFA3

 003000

 AEFFBE

 001500

 CBFFDB

 000000

 E9FFF7

 00943C

 0F9445

 1E944E

 2C9456

 3B945F

 4A9468

 599471

 68947A

 769482

 85948B

Harmonies

Analogous

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



6C8B00



00943C



009875

Triad

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



00943C



0089EF



E04B54

Complementary

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



00943C



940058

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.



DD458B



00943C



6C75E5

Square

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



00943C



0095DB



BA5AC0



C96321

Rectangle

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



00943C



00999C



BA5AC0



E24666

Sweetspot

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



00943C



86BF9D



599400



3E614C



E0E0E0



616161

Same Dimension

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



00943C



00BF4E



009485



434A46



008A38



000A04

Inverse Universe

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



940058



BF0072



94000F



4A4347



8A0052



0A0006

Previews

White Background



This preview shows how the Hex color 00943C looks on a white background.

Color Contrast Check

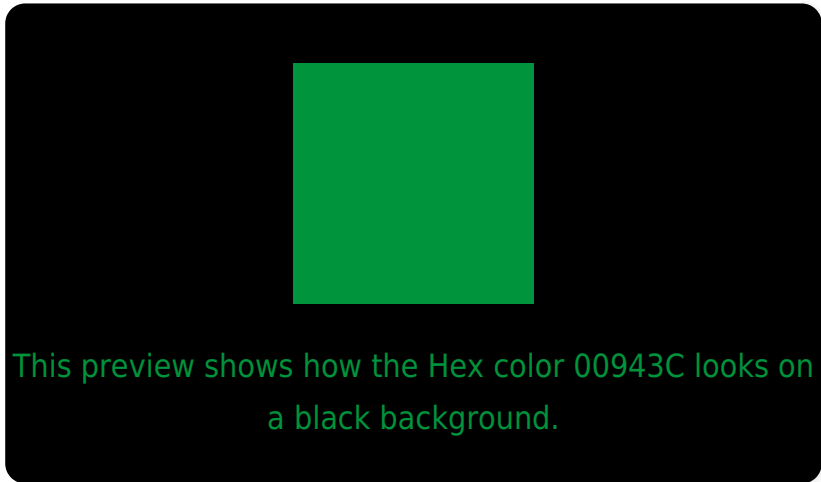
Large Text (above 18pt) WCAG AA ✓ Pass

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 00943C Background



This preview shows how black text looks on a background with the Hex color 00943C.



This preview shows how white text looks on a background with the Hex color 00943C.

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
00943C

Protanopia
8D7F36

Deuteranopia
9C7944



Tritanopia
3B8B96

Trichromacy



Original Color
00943C



Protanomaly
5A8738



Deuteranomaly
638341



Tritanomaly
268E75

Monochromacy



Original Color
00943C



Achromatopsia
5E5E5E



Achromatomaly
3C7252

CSS Examples

Text

The CSS property to change the color of the text to Hex 00943C 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 #00943C looks like.

```
.text, #text, p{  
    color:#00943C  
}
```

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 #00943C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00943C
}
```

Border

The CSS property to change the border of an element to Hex 00943C 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
#00943C }
```

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

```
.border{ border-color:#00943C }
```

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

Here you see how a box with a 4 pixel #00943C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00943C; -webkit-box-shadow:4px 4px  
4px 4px #00943C; box-shadow:4px 4px 4px  
4px #00943C }
```

Background

The CSS property to change the background color of an element to Hex 00943C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00943C }
```

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

```
.background{ background-color:#00943C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor