

Converting Colors

Hex(0C963E)

Have a look what the booklet for
Hex(0C963E) contains.

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Color

Hex(0C963E)

Conversions

Conversions Part 1

Format	Color
Hex	0C963E
RGB	12, 150, 62
RGB Percent	5%, 59%, 24%
CMY	0.9529, 0.4118, 0.7569
CMYK	0.92, 0.00, 0.59, 0.41
HSL	142°, 85%, 32%
HSV	142°, 92%, 59%
XYZ	11.9275, 22.2387, 8.2213
YIQ	98.7060, -54.0000, -56.6240

Conversions

Conversions Part 2

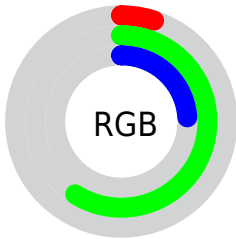
Format	Color
RYB	12, 113, 150
Decimal	824894
CIELab	54.28, -52.60, 36.64
CIELCh	54, 64.104, 145.141
Yxy	22.2387, 0.2814, 0.5247
Android (android.graphics.Color)	4279014974 (0xFF0C963E)
YUV	98.7060, -18.0961, -76.0412
Hunter-Lab	47.1579, -37.3789, 22.6742

Details

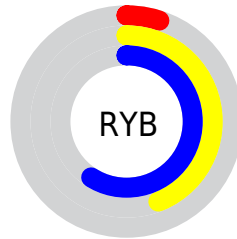
The Hex color **0C963E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **960C64**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **59CD70**, and **00620B** is the 20% darker color. If you saturate the color by 10%, you get **009636**, and if you desaturate by 10%, it is **1B9648**.

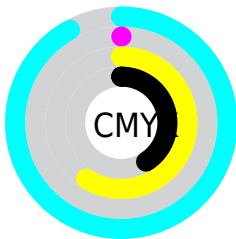
Distribution



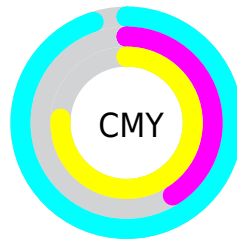
- Red (5%)
- Green (59%)
- Blue (24%)



- Red (5%)
- Yellow (44%)
- Blue (59%)



- Cyan (92%)
- Magenta (0%)
- Yellow (59%)
- Black (41%)



- Cyan (95%)
- Magenta (41%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C963E 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 0C963E by changing the saturation by 10% instead.



0C963E



0C963E

FFFFFF



007B26



59CD70



00620B



77EA8A



004800



94FFA5



003100



B1FFC1



001800



CEFFDD



000000



ECFFFA



0C963E



0C963E



009636



1B9648

 2A9651

 39965B

 489664

 57966E

 669677

 759681

 84968B

 939694

Harmonies

Analogous

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



6E8C00



0C963E



009A77

Triad

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



0C963E



008BF1



E24E56

Complementary

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



0C963E



960C64

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.



DF488D



0C963E



6E77E7

Square

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



0C963E



0097DC



BB5DC2



CC6524

Rectangle

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



0C963E



009B9D



BB5DC2



E44968

Sweetspot

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



0C963E



8CC29F



66960C



40614C



E0E0E0



616161

Same Dimension

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



0C963E



00C246



0C9681



434A45



008A32



000A04

Inverse Universe

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



960C64



C2007C



960C21



4A4347



8A0058



0A0007

Previews

White Background



This preview shows how the Hex color 0C963E looks on a white background.

Color Contrast Check

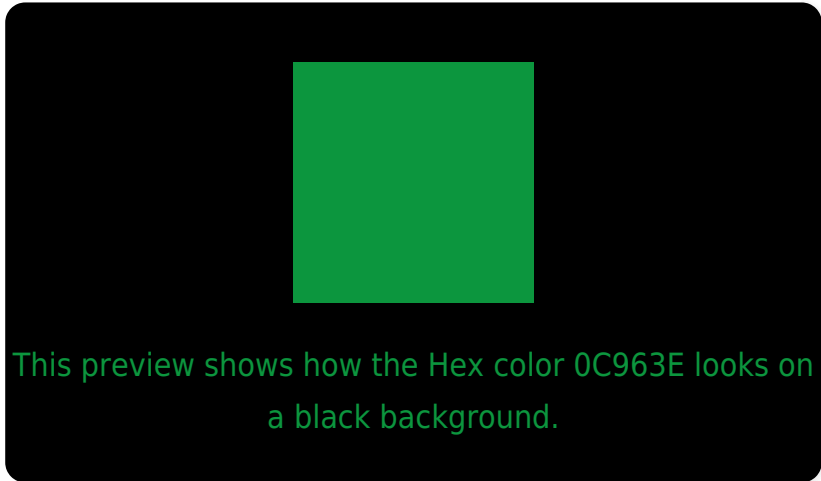
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C963E Background



This preview shows how black text looks on a background with the Hex color 0C963E.



This preview shows how white text looks on a background with the Hex color 0C963E.

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
0C963E

Protanopia
8F8138

Deuteranopia
9E7B46



Tritanopia
3C8D98

Trichromacy



Original Color
0C963E



Protanomaly
5F893A



Deuteranomaly
698543



Tritanomaly
2B9077

Monochromacy



Original Color
0C963E



Achromatopsia
636363



Achromatomaly
437656

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C963E 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 #0C963E looks like.

```
.text, #text, p{  
    color:#0C963E  
}
```

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 #0C963E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C963E
}
```

Border

The CSS property to change the border of an element to Hex 0C963E 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
#0C963E }
```

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

```
.border{ border-color:#0C963E }
```

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

Here you see how a box with a 4 pixel #0C963E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C963E; -webkit-box-shadow:4px 4px  
4px 4px #0C963E; box-shadow:4px 4px 4px  
4px #0C963E }
```

Background

The CSS property to change the background color of an element to Hex 0C963E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C963E }
```

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

```
.background{ background-color:#0C963E }
```

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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