

Converting Colors

Hex(0C4B3F)

Have a look what the booklet for
Hex(0C4B3F) contains.

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Color

Hex(0C4B3F)

Conversions

Conversions Part 1

Format	Color
Hex	0C4B3F
RGB	12, 75, 63
RGB Percent	5%, 29%, 25%
CMY	0.9529, 0.7059, 0.7529
CMYK	0.84, 0.00, 0.16, 0.71
HSL	169°, 72%, 17%
HSV	169°, 84%, 29%
XYZ	3.5649, 5.4692, 5.5704
YIQ	54.7950, -33.6960, -17.0880

Conversions

Conversions Part 2

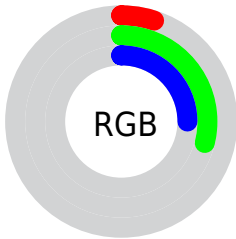
Format	Color
R_{YB}	12, 47, 75
Decimal	805695
CIE _{Lab}	28.03, -22.42, 1.67
CIE _{LCh}	28, 22.486, 175.738
Yxy	5.4692, 0.2441, 0.3745
Android (android.graphics.Color)	4278995775 (0xFF0C4B3F)
YUV	54.7950, 4.0451, -37.5312
Hunter-Lab	23.3863, -13.7164, 2.2481

Details

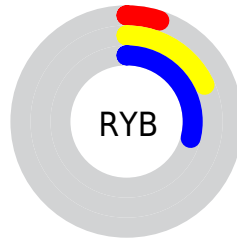
The Hex color **0C4B3F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B0C18**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **437C6F**, and **002015** is the 20% darker color. If you saturate the color by 10%, you get **054B3E**, and if you desaturate by 10%, it is **144B40**.

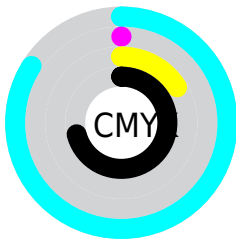
Distribution



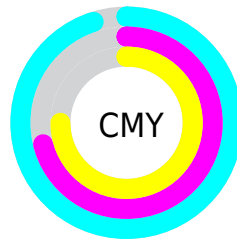
- Red (5%)
- Green (29%)
- Blue (25%)



- Red (5%)
- Yellow (18%)
- Blue (29%)



- Cyan (84%)
- Magenta (0%)
- Yellow (16%)
- Black (71%)



- Cyan (95%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C4B3F 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 0C4B3F by changing the saturation by 10% instead.



0C4B3F



0C4B3F

FFFFFF



003429



437C6F



002015



5C9688



000000



77B1A2



91CDBD



ADE9D9



C8FFF5



E5FFFF



0C4B3F



0C4B3F

■ 054B3E

■ 144B40

■ 004B3D

■ 1B4B42

■ 234B43

■ 2A4B45

■ 314B46

■ 394B48

■ 414B49

■ 484B4A

■ 504B4C

Harmonies

Analogous

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



29492E



0C4B3F



004B51

Triad

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



0C4B3F



403F61



5C3A26

Complementary

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



0C4B3F



4B0C18

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.



633534



0C4B3F



553856

Square

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



0C4B3F



214564



613445



4F401F

Rectangle

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



0C4B3F



004A5A



613445



5F382A

Sweetspot

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



0C4B3F



49615C



194B0C



22302E



B0B0B0



303030

Same Dimension

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



0C4B3F



00614E



0C384B



222626



006653



00E6BA

Inverse Universe

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



4B0C18



610012



4B1F0C



262223



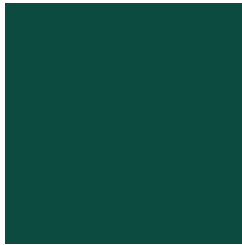
660013



E6002C

Previews

White Background



This preview shows how the Hex color 0C4B3F looks on a white background.

Color Contrast Check

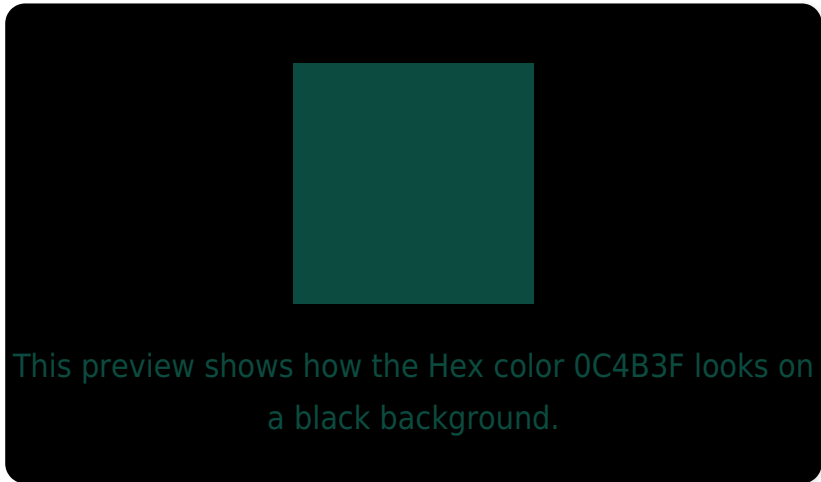
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

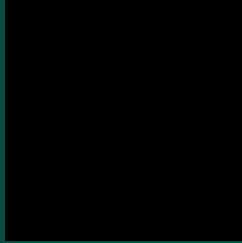
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0C4B3F Background



This preview shows how black text looks on a background with the Hex color 0C4B3F.



This preview shows how white text looks on a background with the Hex color 0C4B3F.

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](#).

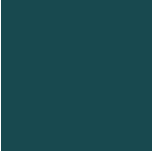
Dichromacy



Original Color
0C4B3F

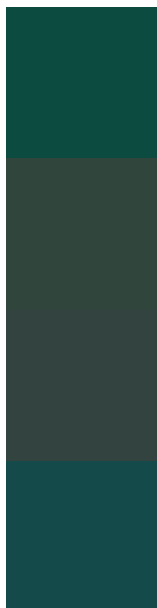
Protanopia
45423A

Deuteranopia
494041



Tritanopia
18494F

Trichromacy



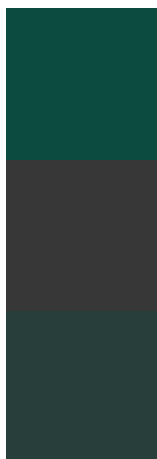
Original Color
0C4B3F

Protanomaly
30453C

Deuteranomaly
334440

Tritanomaly
144A49

Monochromacy



Original Color
0C4B3F

Achromatopsia
373737

Achromatomaly
273E3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C4B3F 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 #0C4B3F looks like.

```
.text, #text, p{  
    color:#0C4B3F  
}
```

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 #0C4B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C4B3F
}
```

Border

The CSS property to change the border of an element to Hex 0C4B3F 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
#0C4B3F }
```

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

```
.border{ border-color:#0C4B3F }
```

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

Here you see how a box with a 4 pixel #0C4B3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C4B3F; -webkit-box-shadow:4px 4px  
4px 4px #0C4B3F; box-shadow:4px 4px 4px  
4px #0C4B3F }
```

Background

The CSS property to change the background color of an element to Hex 0C4B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C4B3F }
```

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

```
.background{ background-color:#0C4B3F }
```

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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