

Converting Colors

Hex(0F5043)

Have a look what the booklet for
Hex(0F5043) contains.

Hex(0F5043)	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(0F5043)

Conversions

Conversions Part 1

Format	Color
Hex	0F5043
RGB	15, 80, 67
RGB Percent	6%, 31%, 26%
CMY	0.9412, 0.6863, 0.7373
CMYK	0.81, 0.00, 0.16, 0.69
HSL	168°, 68%, 19%
HSV	168°, 81%, 31%
XYZ	4.0788, 6.2441, 6.3005
YIQ	59.0830, -34.5670, -17.8230

Conversions

Conversions Part 2

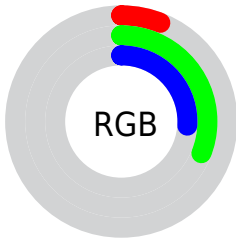
Format	Color
R_{YB}	15, 51, 80
Decimal	1003587
CIE _{Lab}	30.02, -23.31, 1.99
CIE _{LCh}	30, 23.395, 175.125
Yxy	6.2441, 0.2454, 0.3756
Android (android.graphics.Color)	4279193667 (0xFF0F5043)
YUV	59.0830, 3.9031, -38.6608
Hunter-Lab	24.9883, -14.5932, 2.5426

Details

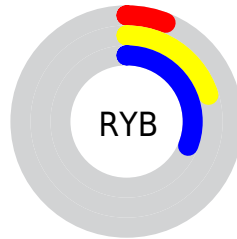
The Hex color **0F5043** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **500F1C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **468273**, and **002318** is the 20% darker color. If you saturate the color by 10%, you get **075041**, and if you desaturate by 10%, it is **175045**.

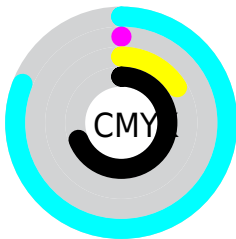
Distribution



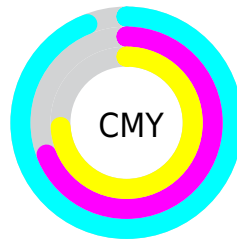
- Red (6%)
- Green (31%)
- Blue (26%)



- Red (6%)
- Yellow (20%)
- Blue (31%)



- Cyan (81%)
- Magenta (0%)
- Yellow (16%)
- Black (69%)



- Cyan (94%)
- Magenta (69%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F5043 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 0F5043 by changing the saturation by 10% instead.

0F5043

0F5043

FFFFFF

00392D

468273

002318

609C8C

000000

7AB7A7

95D3C2

B0EFDE

CCFFFA

E9FFFF

0F5043

0F5043

■ 075041

■ 175045

■ 005040

■ 1F5046

■ 275048

■ 2F5049

■ 37504B

■ 3F504D

■ 47504E

■ 4F5050

■ 575051

Harmonies

Analogous

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



2D4E31



0F5043



005056

Triad

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



0F5043



444368



623E29

Complementary

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



0F5043



500F1C

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.



693938



0F5043



5B3C5C

Square

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



0F5043



23496B



67384A



554522

Rectangle

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



0F5043



004F60



67384A



663C2E

Sweetspot

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



0F5043



4F6964



1C500F



263632



B5B5B5



363636

Same Dimension

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



0F5043



026954



0F3C50



252928



006954



00E8BA

Inverse Universe

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



500F1C



690217



50230F



292526



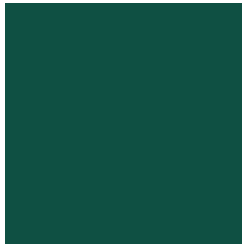
690015



E8002E

Previews

White Background



This preview shows how the Hex color 0F5043 looks on a white background.

Color Contrast Check

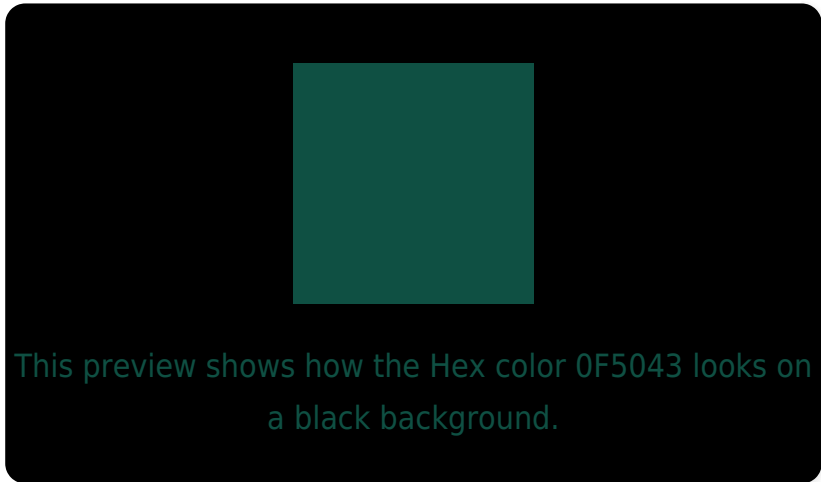
Large Text (above 18pt) WCAG AA ✓ Pass

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

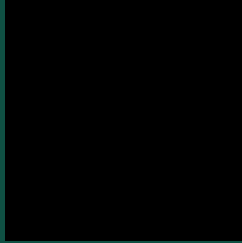
Any Text WCAG AA × Fail

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 0F5043 Background



This preview shows how black text looks on a background with the Hex color 0F5043.



This preview shows how white text looks on a background with the Hex color 0F5043.

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
0F5043

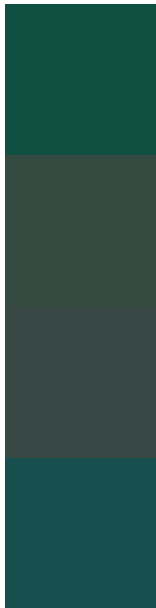
Protanopia
4A463E

Deuteranopia
4E4446



Tritanopia
1B4E54

Trichromacy



Original Color
0F5043

Protanomaly
354A40

Deuteranomaly
374845

Tritanomaly
174F4E

Monochromacy



Original Color
0F5043

Achromatopsia
3B3B3B

Achromatomaly
2B433E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F5043 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 #0F5043 looks like.

```
.text, #text, p{  
    color:#0F5043  
}
```

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 #0F5043 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F5043
}
```

Border

The CSS property to change the border of an element to Hex 0F5043 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
#0F5043 }
```

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

```
.border{ border-color:#0F5043 }
```

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

Here you see how a box with a 4 pixel #0F5043 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F5043; -webkit-box-shadow:4px 4px  
4px 4px #0F5043; box-shadow:4px 4px 4px  
4px #0F5043 }
```

Background

The CSS property to change the background color of an element to Hex 0F5043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F5043 }
```

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

```
.background{ background-color:#0F5043 }
```

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