

# Converting Colors

Hex(0F4037)

Have a look what the booklet for  
Hex(0F4037) contains.

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# Color

**Hex(0F4037)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F4037
RGB	15, 64, 55
RGB Percent	6%, 25%, 22%
CMY	0.9412, 0.7490, 0.7843
CMYK	0.77, 0.00, 0.14, 0.75
HSL	169°, 62%, 15%
HSV	169°, 77%, 25%
XYZ	2.7200, 4.0442, 4.2517
YIQ	48.3230, -26.3150, -13.1870

# Conversions

## Conversions Part 2

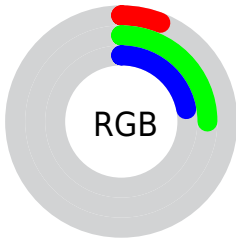
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 42, 64
Decimal	999479
CIELab	23.82, -18.69, 0.80
CIELCh	24, 18.705, 177.555
Yxy	4.0442, 0.2469, 0.3671
Android (android.graphics.Color)	4279189559 (0xFF0F4037)
YUV	48.3230, 3.2918, -29.2243
Hunter-Lab	20.1102, -11.0499, 1.5421

# Details

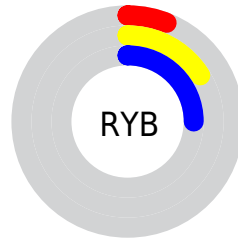
The Hex color **0F4037** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **400F18**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **417066**, and **00160B** is the 20% darker color. If you saturate the color by 10%, you get **094036**, and if you desaturate by 10%, it is **154038**.

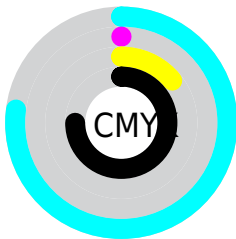
# Distribution



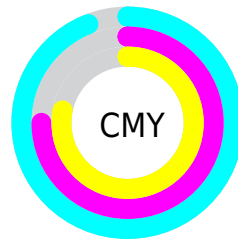
- Red (6%)
- Green (25%)
- Blue (22%)



- Red (6%)
- Yellow (16%)
- Blue (25%)



- Cyan (77%)
- Magenta (0%)
- Yellow (14%)
- Black (75%)



- Cyan (94%)
- Magenta (75%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F4037 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 0F4037 by changing the saturation by 10% instead.



■ 0F4037

■ 0F4037

FEFFFF

■ 002A22

■ 417066

■ 00160B

■ 5A8A7F

■ 000000

■ 74A499

■ 8EBFB3

■ A9DBC F

■ C5F8EB

■ E1FFFF

■ 0F4037

■ 0F4037

■ 094036

■ 154038

■ 024035

■ 1C4039

■ 004034

■ 22403B

■ 29403C

■ 2F403D

■ 35403E

■ 3C403F

■ 424040

■ 494042

# Harmonies

## Analogous

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



243F29



0F4037



004045

# Triad

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



0F4037



383551



4E3321

# Complementary

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



0F4037



400F18

# 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.



532F2C



0F4037



493048

# Square

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



0F4037



213A54



522E3A



43371C

# Rectangle

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



0F4037



003F4D



522E3A



503125



# Sweetspot

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



0F4037



415451



19400F



1F2B29



ABABAB



2B2B2B



# Same Dimension

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



0F4037



075446



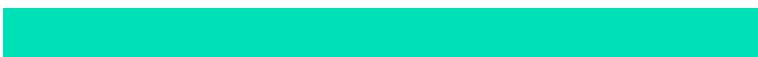
0F3140



1E2121



00614F



00E0B7



# Inverse Universe

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



400F18



540715



401E0F



211E1E



610012

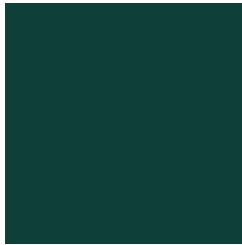


E00029



# Previews

## White Background



This preview shows how the Hex color 0F4037 looks on a white background.

## Color Contrast Check

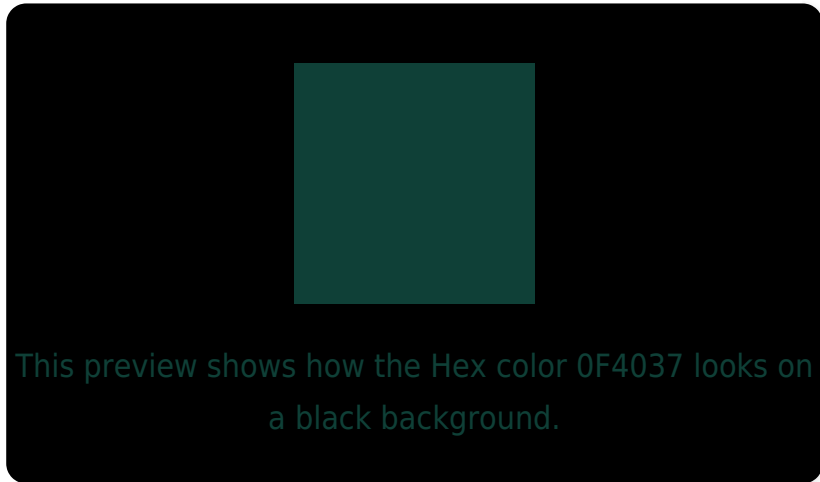
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F4037 Background



This preview shows how black text looks on a background with the Hex color 0F4037.



This preview shows how white text looks on a background with the Hex color 0F4037.

# 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](#).

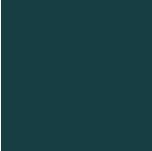
## Dichromacy



**Original Color**  
0F4037

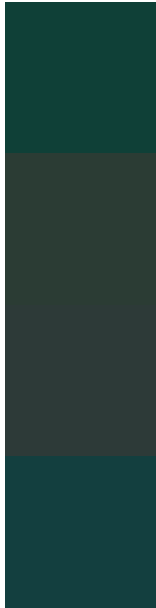
**Protanopia**  
3B3933

**Deuteranopia**  
3E3739



**Tritanopia**  
163E43

# Trichromacy



**Original Color**  
0F4037

**Protanomaly**  
2B3C34

**Deuteranomaly**  
2D3A38

**Tritanomaly**  
133F3F

# Monochromacy



**Original Color**  
0F4037

**Achromatopsia**  
303030

**Achromatomaly**  
243633

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F4037 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 #0F4037 looks like.

```
.text, #text, p{  
    color:#0F4037  
}
```

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 #0F4037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F4037
}
```

## Border

The CSS property to change the border of an element to Hex 0F4037 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
#0F4037 }
```

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

```
.border{ border-color:#0F4037 }
```

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

Here you see how a box with a 4 pixel #0F4037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F4037; -webkit-box-shadow:4px 4px  
4px 4px #0F4037; box-shadow:4px 4px 4px  
4px #0F4037 }
```

# Background

The CSS property to change the background color of an element to Hex 0F4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F4037 }
```

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

```
.background{ background-color:#0F4037 }
```

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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