

Converting Colors

Hex(0F4447)

Have a look what the booklet for
Hex(0F4447) contains.

Hex(0F4447)	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(0F4447)

Conversions

Conversions Part 1

Format	Color
Hex	0F4447
RGB	15, 68, 71
RGB Percent	6%, 27%, 28%
CMY	0.9412, 0.7333, 0.7216
CMYK	0.79, 0.04, 0.00, 0.72
HSL	183°, 65%, 17%
HSV	183°, 79%, 28%
XYZ	3.4015, 4.6907, 6.6874
YIQ	52.4950, -32.5510, -10.3030

Conversions

Conversions Part 2

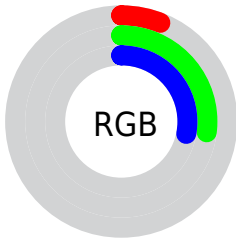
Format	Color
R_{YB}	15, 42, 71
Decimal	1000519
CIE _{Lab}	25.83, -15.55, -6.78
CIE _{LCh}	26, 16.966, 203.555
Yxy	4.6907, 0.2301, 0.3174
Android (android.graphics.Color)	4279190599 (0xFF0F4447)
YUV	52.4950, 9.1230, -32.8831
Hunter-Lab	21.6581, -9.8679, -3.1463

Details

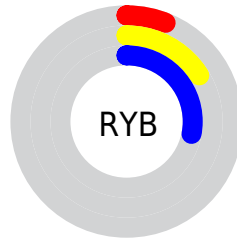
The Hex color **0F4447** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47120F**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **447477**, and **001A1C** is the 20% darker color. If you saturate the color by 10%, you get **084447**, and if you desaturate by 10%, it is **164447**.

Distribution



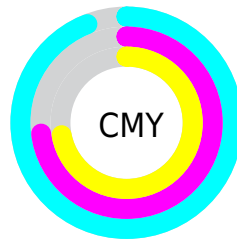
- Red (6%)
- Green (27%)
- Blue (28%)



- Red (6%)
- Yellow (16%)
- Blue (28%)



- Cyan (79%)
- Magenta (4%)
- Yellow (0%)
- Black (72%)



- Cyan (94%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F4447 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 0F4447 by changing the saturation by 10% instead.

0F4447

0F4447

FFFFFF

002E31

447477

001A1C

5D8E91

000000

77A9AB

92C4C7

ADE0E3

C9FDFF

E6FFFF

0F4447

0F4447

■ 084447

■ 164447

■ 014347

■ 1D4547

■ 004347

■ 244547

■ 2B4647

■ 334647

■ 3A4647

■ 414747

■ 484747

■ 4F4747

Harmonies

Analogous

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



1D443A



0F4447



134251

Triad

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



0F4447



4B364D



483B24

Complementary

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



0F4447



47120F

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.



523729



0F4447



543440

Square

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



0F4447



3B3B55



563434



3B4025

Rectangle

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



0F4447



204056



563434



4C3A25

Sweetspot

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



0F4447



465B5C



0F4712



212D2E



ADADAD



2E2E2E

Same Dimension

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



0F4447



05575C



0F2847



202424



005E63



00D7E3

Inverse Universe

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



470F44



5C0557



472E0F



242024



63005E



E300D7

Previews

White Background



This preview shows how the Hex color 0F4447 looks on a white background.

Color Contrast Check

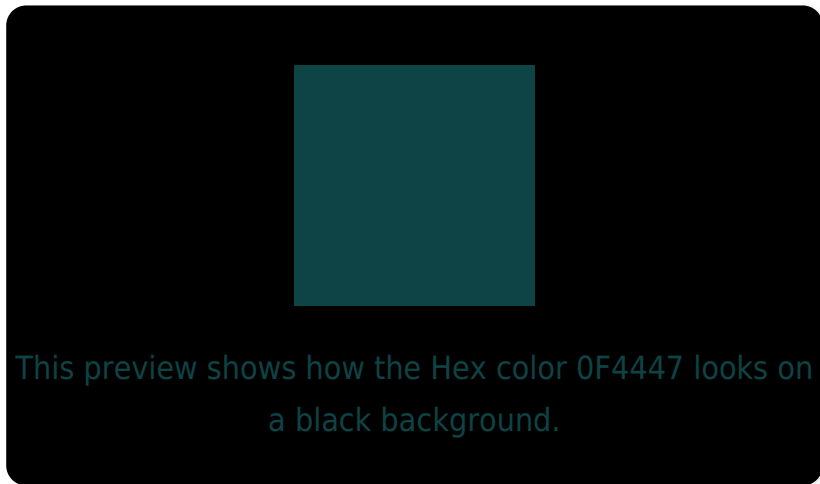
Large Text (above 18pt) WCAG AA ✓ Pass

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

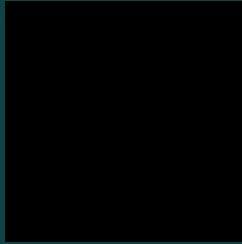
Any Text WCAG AA × Fail

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 0F4447 Background



This preview shows how black text looks on a background with the Hex color 0F4447.



This preview shows how white text looks on a background with the Hex color 0F4447.

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](#).

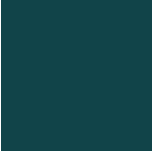
Dichromacy



Original Color
0F4447

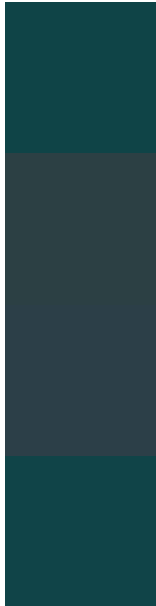
Protanopia
3D3D42

Deuteranopia
3D3C49



Tritanopia
114449

Trichromacy



Original Color
0F4447

Protanomaly
2C4044

Deuteranomaly
2C3F48

Tritanomaly
104448

Monochromacy



Original Color
0F4447

Achromatopsia
343434

Achromatomaly
273A3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F4447 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 #0F4447 looks like.

```
.text, #text, p{  
    color:#0F4447  
}
```

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 #0F4447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F4447
}
```

Border

The CSS property to change the border of an element to Hex 0F4447 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
#0F4447 }
```

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

```
.border{ border-color:#0F4447 }
```

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

Here you see how a box with a 4 pixel #0F4447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F4447; -webkit-box-shadow:4px 4px  
4px 4px #0F4447; box-shadow:4px 4px 4px  
4px #0F4447 }
```

Background

The CSS property to change the background color of an element to Hex 0F4447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F4447 }
```

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

```
.background{ background-color:#0F4447 }
```

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