

# Converting Colors

Hex(0F3743)

Have a look what the booklet for  
Hex(0F3743) contains.

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# Color

**Hex(0F3743)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F3743
RGB	15, 55, 67
RGB Percent	6%, 22%, 26%
CMY	0.9412, 0.7843, 0.7373
CMYK	0.78, 0.18, 0.00, 0.74
HSL	194°, 63%, 16%
HSV	194°, 78%, 26%
XYZ	2.5763, 3.2392, 5.7996
YIQ	44.4080, -27.6920, -4.7480

# Conversions

## Conversions Part 2

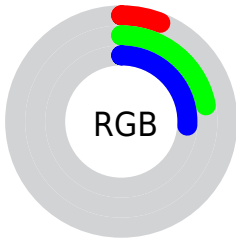
Format	Color
<b>R<sub>YB</sub></b>	15, 38, 67
Decimal	997187
CIE <sub>Lab</sub>	20.98, -9.19, -11.50
CIE <sub>LCh</sub>	21, 14.718, 231.362
Yxy	3.2392, 0.2218, 0.2789
Android (android.graphics.Color)	4279187267 (0xFF0F3743)
YUV	44.4080, 11.1379, -25.7908
Hunter-Lab	17.9977, -5.9444, -6.5073

# Details

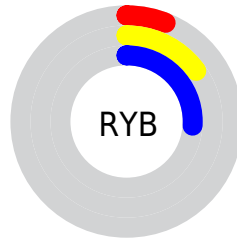
The Hex color **0F3743** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **431B0F**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **426673**, and **000819** is the 20% darker color. If you saturate the color by 10%, you get **083543**, and if you desaturate by 10%, it is **163943**.

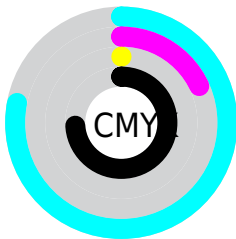
# Distribution



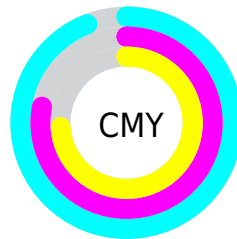
- Red (6%)
- Green (22%)
- Blue (26%)



- Red (6%)
- Yellow (15%)
- Blue (26%)



- Cyan (78%)
- Magenta (18%)
- Yellow (0%)
- Black (74%)



- Cyan (94%)
- Magenta (78%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F3743 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 0F3743 by changing the saturation by 10% instead.



0F3743

0F3743

FFFFFF

00222D

426673

000819

5A7F8D

000000

7499A7

8EB4C2

A9CFDE

C5EBFB

E1FFFF

0F3743

0F3743

■ 083543

■ 163943

■ 023443

■ 1C3A43

■ 003443

■ 233C43

■ 2A3D43

■ 313F43

■ 374043

■ 3E4243

■ 454343

■ 4B4543

# Harmonies

## Analogous

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



0D383A



0F3743



1E3448

# Triad

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



0F3743



462A36



32341E

# Complementary

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



0F3743



431B0F

# 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.



3D311D



0F3743



482B2B

# Square

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



0F3743



3D2D40



442D22



253725

# Rectangle

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



0F3743



2A3248



442D22



36331D



# Sweetspot

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



0F3743



435257



0F431A



1F292B



ABABAB



2B2B2B



# Same Dimension

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



0F3743



064457



0F1E43



1E2021



004B61



00ADE0



# Inverse Universe

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



430F37



570644



43340F



211E20



61004B

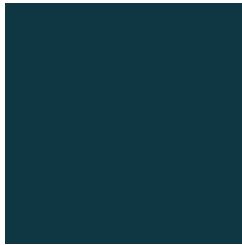


E000AD



# Previews

## White Background



This preview shows how the Hex color 0F3743 looks on a white background.

## Color Contrast Check

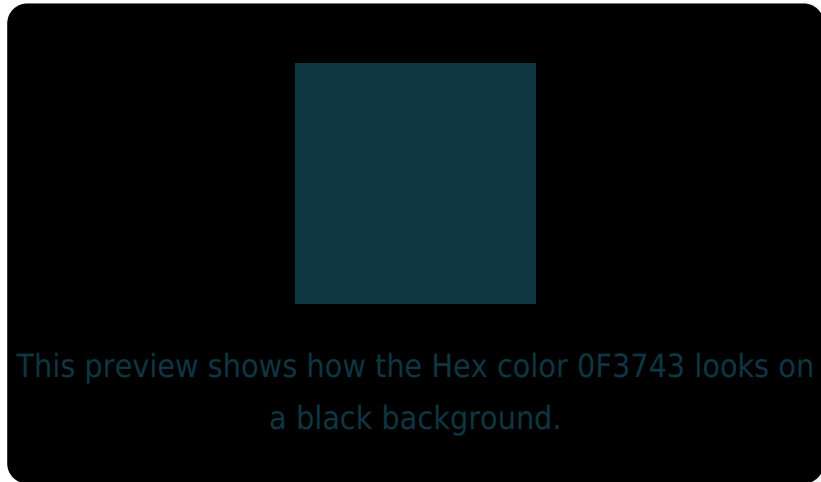
Large Text (above 18pt) WCAG AA ✓ Pass

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

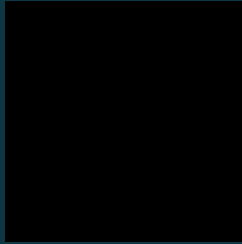
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F3743 Background



This preview shows how black text looks on a background with the Hex color 0F3743.



This preview shows how white text looks on a background with the Hex color 0F3743.

# 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**  
0F3743

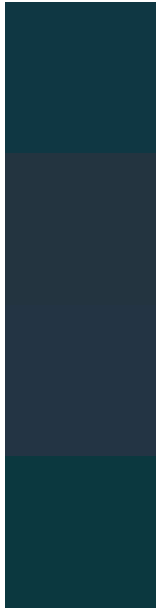
**Protanopia**  
2F323F

**Deuteranopia**  
2E3244



**Tritanopia**  
08383D

# Trichromacy



**Original Color**  
0F3743

**Protanomaly**  
233440

**Deuteranomaly**  
233444

**Tritanomaly**  
0B383F

# Monochromacy



**Original Color**  
0F3743

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
213034

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F3743 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 #0F3743 looks like.

```
.text, #text, p{  
    color:#0F3743  
}
```

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 #0F3743 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F3743
}
```

## Border

The CSS property to change the border of an element to Hex 0F3743 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
#0F3743 }
```

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

```
.border{ border-color:#0F3743 }
```

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

Here you see how a box with a 4 pixel #0F3743 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F3743; -webkit-box-shadow:4px 4px  
4px 4px #0F3743; box-shadow:4px 4px 4px  
4px #0F3743 }
```

# Background

The CSS property to change the background color of an element to Hex 0F3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F3743 }
```

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

```
.background{ background-color:#0F3743 }
```

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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