

Converting Colors

Hex(0E3947)

Have a look what the booklet for
Hex(0E3947) contains.

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Color

Hex(0E3947)

Conversions

Conversions Part 1

Format	Color
Hex	0E3947
RGB	14, 57, 71
RGB Percent	5%, 22%, 28%
CMY	0.9451, 0.7765, 0.7216
CMYK	0.80, 0.20, 0.00, 0.72
HSL	195°, 67%, 17%
HSV	195°, 80%, 28%
XYZ	2.7816, 3.4745, 6.4853
YIQ	45.7390, -30.1220, -4.7620

Conversions

Conversions Part 2

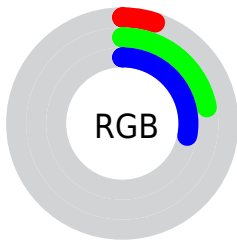
Format	Color
R_{YB}	14, 39, 71
Decimal	932167
CIE Lab	21.85, -9.07, -12.84
CIE LCh	22, 15.726, 234.761
Yxy	3.4745, 0.2183, 0.2727
Android (android.graphics.Color)	4279122247 (0xFF0E3947)
YUV	45.7390, 12.4537, -27.8351
Hunter-Lab	18.6401, -5.9837, -7.5801

Details

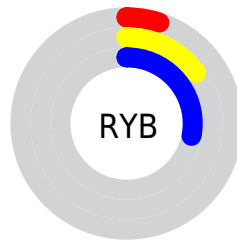
The Hex color **0E3947** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **471C0E**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **426877**, and **000E1C** is the 20% darker color. If you saturate the color by 10%, you get **073747**, and if you desaturate by 10%, it is **153B47**.

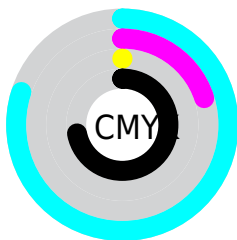
Distribution



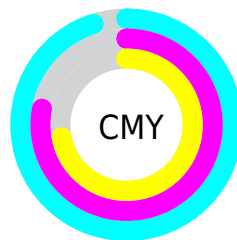
- Red (5%)
- Green (22%)
- Blue (28%)



- Red (5%)
- Yellow (15%)
- Blue (28%)



- Cyan (80%)
- Magenta (20%)
- Yellow (0%)
- Black (72%)



- Cyan (95%)
- Magenta (78%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E3947 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 0E3947 by changing the saturation by 10% instead.

0E3947

0E3947

FFFFFF

002331

426877

000E1C

5B8191

000000

759BAC

8FB6C7

AAD2E3

C6EEFF

E2FFFF

0E3947

0E3947

■ 073747

■ 153B47

■ 003647

■ 1C3C47

■ 233E47

■ 2A4047

■ 324247

■ 394347

■ 404547

■ 474747

■ 4E4947

Harmonies

Analogous

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



093A3E



0E3947



21364B

Triad

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



0E3947



492C37



32371F

Complementary

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



0E3947



471C0E

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.



3E331D



0E3947



4B2C2B

Square

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



0E3947



412E42



472F22



253927

Rectangle

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



0E3947



2D334B



472F22



36351E

Sweetspot

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



0E3947



46565C



0E471B



212B2E



ADADAD



2E2E2E

Same Dimension

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



0E3947



04465C



0E1D47



202324



004B63



00ABE3

Inverse Universe

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



470E39



5C0446



47380E



242023



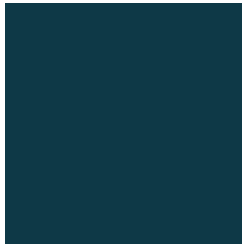
63004B



E300AB

Previews

White Background



This preview shows how the Hex color 0E3947 looks on a white background.

Color Contrast Check

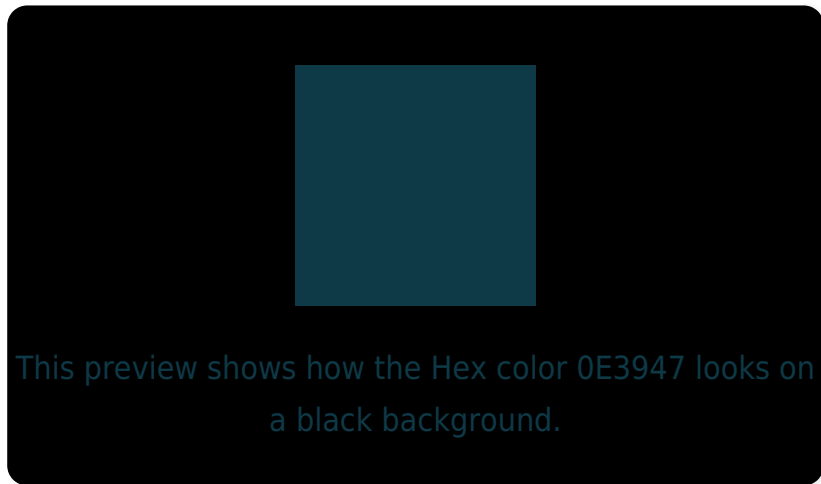
Large Text (above 18pt) WCAG AA ✓ Pass

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

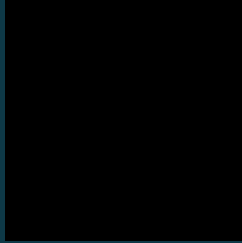
Any Text WCAG AA × Fail

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 0E3947 Background



This preview shows how black text looks on a background with the Hex color 0E3947.



This preview shows how white text looks on a background with the Hex color 0E3947.

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
0E3947

Protanopia
313443

Deuteranopia
2E3448



Tritanopia
003A3F

Trichromacy



Original Color

0E3947

Protanomaly

243644

Deuteranomaly

223648

Tritanomaly

053A42

Monochromacy



Original Color

0E3947

Achromatopsia

2E2E2E

Achromatomaly

223237

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E3947 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 #0E3947 looks like.

```
.text, #text, p{  
    color:#0E3947  
}
```

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 #0E3947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E3947
}
```

Border

The CSS property to change the border of an element to Hex 0E3947 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
#0E3947 }
```

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

```
.border{ border-color:#0E3947 }
```

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

Here you see how a box with a 4 pixel #0E3947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E3947; -webkit-box-shadow:4px 4px  
4px 4px #0E3947; box-shadow:4px 4px 4px  
4px #0E3947 }
```

Background

The CSS property to change the background color of an element to Hex 0E3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E3947 }
```

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

```
.background{ background-color:#0E3947 }
```

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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