

Converting Colors

Hex(0E3C37)

Have a look what the booklet for
Hex(0E3C37) contains.

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Color

Hex(0E3C37)

Conversions

Conversions Part 1

Format	Color
Hex	0E3C37
RGB	14, 60, 55
RGB Percent	5%, 24%, 22%
CMY	0.9451, 0.7647, 0.7843
CMYK	0.77, 0.00, 0.08, 0.76
HSL	173°, 62%, 15%
HSV	173°, 77%, 24%
XYZ	2.4866, 3.6009, 4.1784
YIQ	45.6760, -25.8110, -11.3070

Conversions

Conversions Part 2

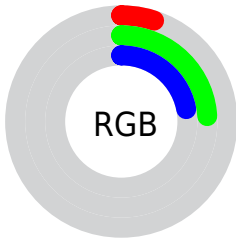
Format	Color
RYB	14, 38, 60
Decimal	932919
CIELab	22.31, -16.68, -1.42
CIElCh	22, 16.740, 184.852
Yxy	3.6009, 0.2422, 0.3508
Android (android.graphics.Color)	4279122999 (0xFF0E3C37)
YUV	45.6760, 4.5967, -27.7799
Hunter-Lab	18.9761, -9.8182, 0.2279

Details

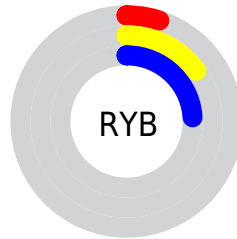
The Hex color **0E3C37** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C0E13**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **406C66**, and **000F0B** is the 20% darker color. If you saturate the color by 10%, you get **083C36**, and if you desaturate by 10%, it is **143C38**.

Distribution



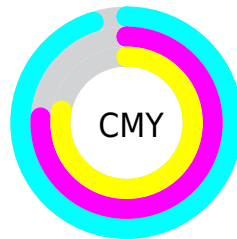
- Red (5%)
- Green (24%)
- Blue (22%)



- Red (5%)
- Yellow (15%)
- Blue (24%)



- Cyan (77%)
- Magenta (0%)
- Yellow (8%)
- Black (76%)



- Cyan (95%)
- Magenta (76%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E3C37 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 0E3C37 by changing the saturation by 10% instead.

 0E3C37

 0E3C37

 FCFFFF

 002622

 406C66

 000F0B

 59857F

 000000

 729F99

 8CBAB3

 A7D6CF

 C3F3EB

 DFFFFFF

 0E3C37

 0E3C37

■ 083C36

■ 143C38

■ 023C36

■ 1A3C38

■ 003C35

■ 203C39

■ 263C3A

■ 2C3C3A

■ 323C3B

■ 383C3C

■ 3E3C3C

■ 443C3D

Harmonies

Analogous

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



1F3B2A



0E3C37



033B43

Triad

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



0E3C37



39314A



46311F

Complementary

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



0E3C37



3C0E13

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.



4D2D28



0E3C37



472D40

Square

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



0E3C37



27364E



4D2C34



3C351C

Rectangle

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



0E3C37



093A49



4D2C34



493021

Sweetspot

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



0E3C37



3D4F4D



133C0E



1D2928



A8A8A8



292929

Same Dimension

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



0E3C37



064F47



0E2A3C



1C1F1E



005E54



00DEC6

Inverse Universe

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



3C0E13



4F060E



3C200E



1F1C1C



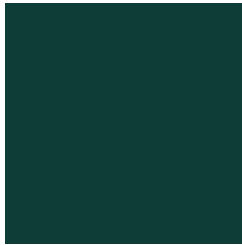
5E000A



DE0018

Previews

White Background



This preview shows how the Hex color 0E3C37 looks on a white background.

Color Contrast Check

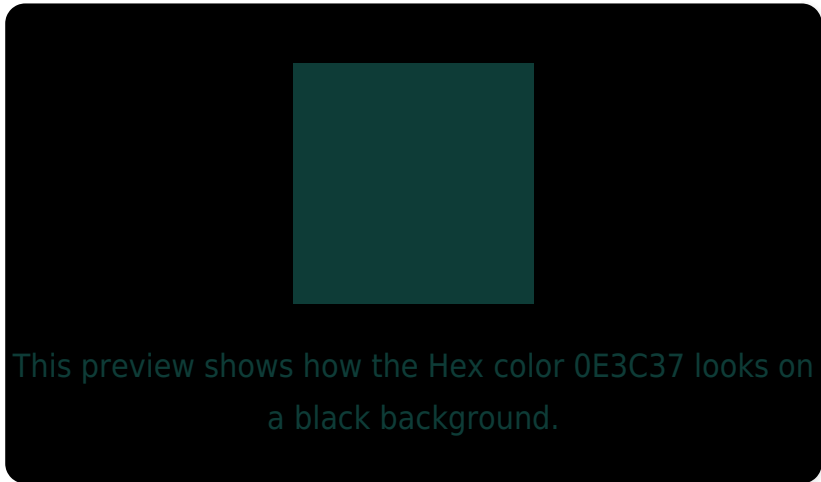
Large Text (above 18pt) WCAG AA ✓ Pass

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

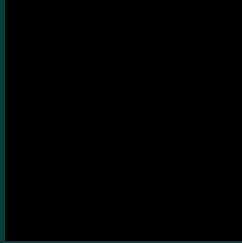
Any Text WCAG AA × Fail

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 0E3C37 Background



This preview shows how black text looks on a background with the Hex color 0E3C37.



This preview shows how white text looks on a background with the Hex color 0E3C37.

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](#).

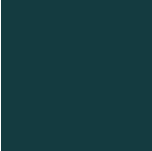
Dichromacy



Original Color
0E3C37

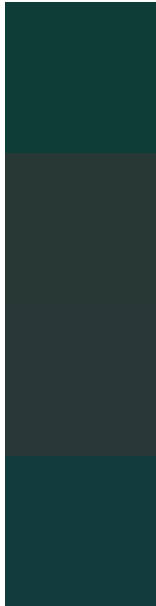
Protanopia
373533

Deuteranopia
393439



Tritanopia
143B40

Trichromacy



Original Color
0E3C37

Protanomaly
283834

Deuteranomaly
293738

Tritanomaly
123B3D

Monochromacy



Original Color
0E3C37

Achromatopsia
2E2E2E

Achromatomaly
223331

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E3C37 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 #0E3C37 looks like.

```
.text, #text, p{  
    color:#0E3C37  
}
```

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 #0E3C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E3C37  
}
```

Border

The CSS property to change the border of an element to Hex 0E3C37 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  
#0E3C37 }
```

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

```
.border{ border-color:#0E3C37 }
```

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

Here you see how a box with a 4 pixel #0E3C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E3C37; -webkit-box-shadow:4px 4px  
4px 4px #0E3C37; box-shadow:4px 4px 4px  
4px #0E3C37 }
```

Background

The CSS property to change the background color of an element to Hex 0E3C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E3C37 }
```

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

```
.background{ background-color:#0E3C37 }
```

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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