

Converting Colors

Hex(0E3E47)

Have a look what the booklet for
Hex(0E3E47) contains.

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Color

Hex(0E3E47)

Conversions

Conversions Part 1

Format	Color
Hex	0E3E47
RGB	14, 62, 71
RGB Percent	5%, 24%, 28%
CMY	0.9451, 0.7569, 0.7216
CMYK	0.80, 0.13, 0.00, 0.72
HSL	189°, 67%, 17%
HSV	189°, 80%, 28%
XYZ	3.0411, 3.9935, 6.5718
YIQ	48.6740, -31.4970, -7.3770

Conversions

Conversions Part 2

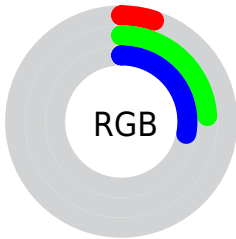
Format	Color
RYB	14, 40, 71
Decimal	933447
CIELab	23.65, -12.17, -10.09
CIELCh	24, 15.811, 219.654
Yxy	3.9935, 0.2235, 0.2935
Android (android.graphics.Color)	4279123527 (0xFF0E3E47)
YUV	48.6740, 11.0067, -30.4091
Hunter-Lab	19.9839, -7.8084, -5.5091

Details

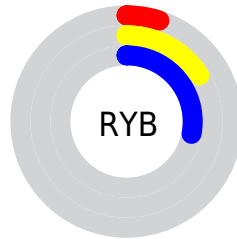
The Hex color **0E3E47** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47170E**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **436E77**, and **00141C** is the 20% darker color. If you saturate the color by 10%, you get **073D47**, and if you desaturate by 10%, it is **153F47**.

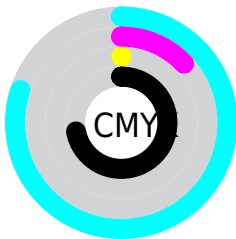
Distribution



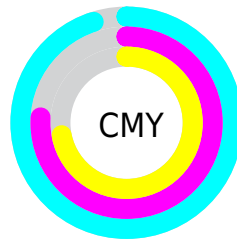
- Red (5%)
- Green (24%)
- Blue (28%)



- Red (5%)
- Yellow (16%)
- Blue (28%)



- Cyan (80%)
- Magenta (13%)
- Yellow (0%)
- Black (72%)



- Cyan (95%)
- Magenta (76%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E3E47 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 0E3E47 by changing the saturation by 10% instead.



0E3E47



0E3E47

FFFFFF



002831



436E77



00141C



5C8791



000000



76A1AC



90BCC7



ABD8E3



C7F5FF



E3FFFF



0E3E47



0E3E47

■ 073D47

■ 153F47

■ 003C47

■ 1C4047

■ 234147

■ 2A4247

■ 324447

■ 394547

■ 404647

■ 474747

■ 4E4847

Harmonies

Analogous

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



133F3C



0E3E47



1B3C4E

Triad

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



0E3E47



4A3041



3D3921

Complementary

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



0E3E47



47170E

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.



473522



0E3E47



4F2F35

Square

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



0E3E47



3F344B



4E312A



303C26

Rectangle

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



0E3E47



283950



4E312A



403821

Sweetspot

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



0E3E47



46585C



0E4717



212C2E



ADADAD



2E2E2E

Same Dimension

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



0E3E47



044E5C



0E2247



202324



005463



00BFE3

Inverse Universe

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



470E3E



5C044E



47330E



242023



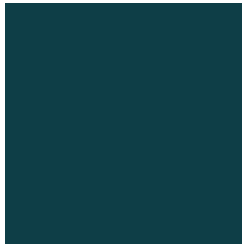
630054



E300BF

Previews

White Background



This preview shows how the Hex color 0E3E47 looks on a white background.

Color Contrast Check

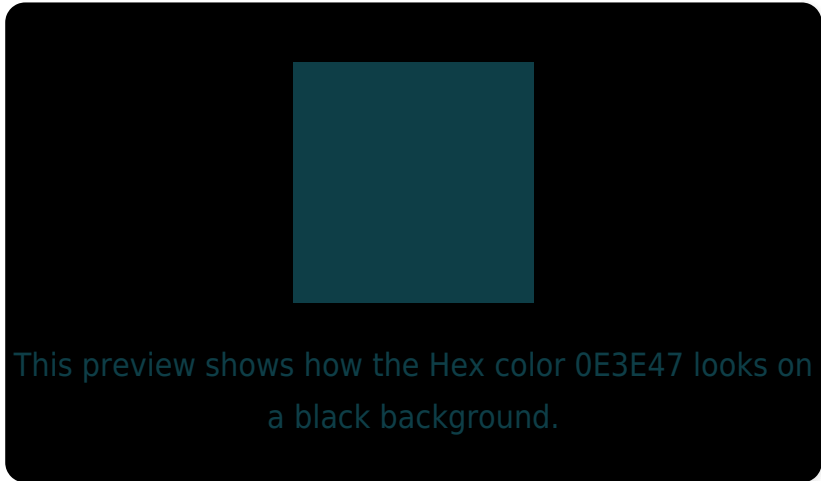
Large Text (above 18pt) WCAG AA ✓ Pass

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

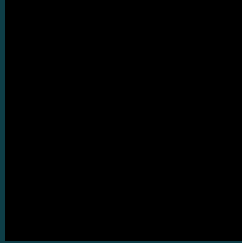
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

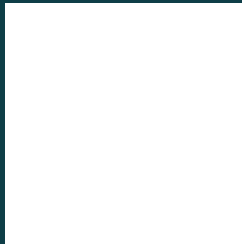
Any Text WCAG AAA × Fail

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

Hex 0E3E47 Background



This preview shows how black text looks on a background with the Hex color 0E3E47.



This preview shows how white text looks on a background with the Hex color 0E3E47.

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
0E3E47

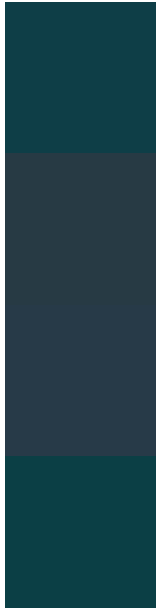
Protanopia
363843

Deuteranopia
353748



Tritanopia
0A3F44

Trichromacy



Original Color
0E3E47

Protanomaly
273A44

Deuteranomaly
273A48

Tritanomaly
0B3F45

Monochromacy



Original Color
0E3E47

Achromatopsia
313131

Achromatomaly
243639

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E3E47 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 #0E3E47 looks like.

```
.text, #text, p{  
    color:#0E3E47  
}
```

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 #0E3E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E3E47
}
```

Border

The CSS property to change the border of an element to Hex 0E3E47 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
#0E3E47 }
```

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

```
.border{ border-color:#0E3E47 }
```

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

Here you see how a box with a 4 pixel #0E3E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E3E47; -webkit-box-shadow:4px 4px  
4px 4px #0E3E47; box-shadow:4px 4px 4px  
4px #0E3E47 }
```

Background

The CSS property to change the background color of an element to Hex 0E3E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E3E47 }
```

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

```
.background{ background-color:#0E3E47 }
```

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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