

Converting Colors

Hex(0A3E37)

Have a look what the booklet for
Hex(0A3E37) contains.

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Color

Hex(0A3E37)

Conversions

Conversions Part 1

Format	Color
Hex	0A3E37
RGB	10, 62, 55
RGB Percent	4%, 24%, 22%
CMY	0.9608, 0.7569, 0.7843
CMYK	0.84, 0.00, 0.11, 0.76
HSL	172°, 72%, 14%
HSV	172°, 84%, 24%
XYZ	2.5374, 3.7856, 4.2114
YIQ	45.6540, -28.7450, -13.2010

Conversions

Conversions Part 2

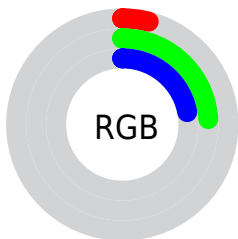
Format	Color
RYB	10, 38, 62
Decimal	671287
CIELab	22.95, -18.45, -0.48
CIELCh	23, 18.458, 181.498
Yxy	3.7856, 0.2409, 0.3594
Android (android.graphics.Color)	4278861367 (0xFF0A3E37)
YUV	45.6540, 4.6076, -31.2686
Hunter-Lab	19.4567, -10.7705, 0.7863

Details

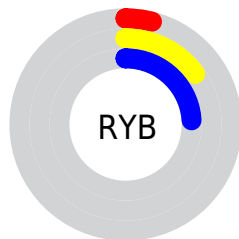
The Hex color **0A3E37** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3E0A11**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3E6E66**, and **00130B** is the 20% darker color. If you saturate the color by 10%, you get **043E36**, and if you desaturate by 10%, it is **103E38**.

Distribution



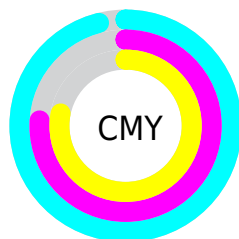
- Red (4%)
- Green (24%)
- Blue (22%)



- Red (4%)
- Yellow (15%)
- Blue (24%)



- Cyan (84%)
- Magenta (0%)
- Yellow (11%)
- Black (76%)



- Cyan (96%)
- Magenta (76%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A3E37 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 0A3E37 by changing the saturation by 10% instead.

 0A3E37

 0A3E37

 FBFFFF

 002822

 3E6E66

 00130B

 57877F

 000000

 71A299

 8BBDB3

 A6D9CF

 C1F5EB

 DEFFFF

 0A3E37

 0A3E37

■ 043E36

■ 103E38

■ 003E36

■ 163E39

■ 1D3E3A

■ 233E3A

■ 293E3B

■ 2F3E3C

■ 353E3D

■ 3C3E3E

■ 423E3F

Harmonies

Analogous

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



203D29



0A3E37



003E45

Triad

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



0A3E37



39334E



4A311F

Complementary

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



0A3E37



3E0A11

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.



512D29



0A3E37



492E44

Square

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



0A3E37



233852



502C37



3F361B

Rectangle

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



0A3E37



003C4C



502C37



4D3022

Sweetspot

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



0A3E37



3D524F



123E0A



1D2927



A8A8A8



292929

Same Dimension

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



0A3E37



005247



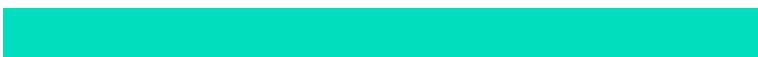
0A2C3E



1C1F1E



005E52



00DEC0

Inverse Universe

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



3E0A11



52000B



3E1C0A



1F1C1C



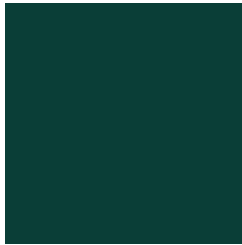
5E000D



DE001E

Previews

White Background



This preview shows how the Hex color 0A3E37 looks on a white background.

Color Contrast Check

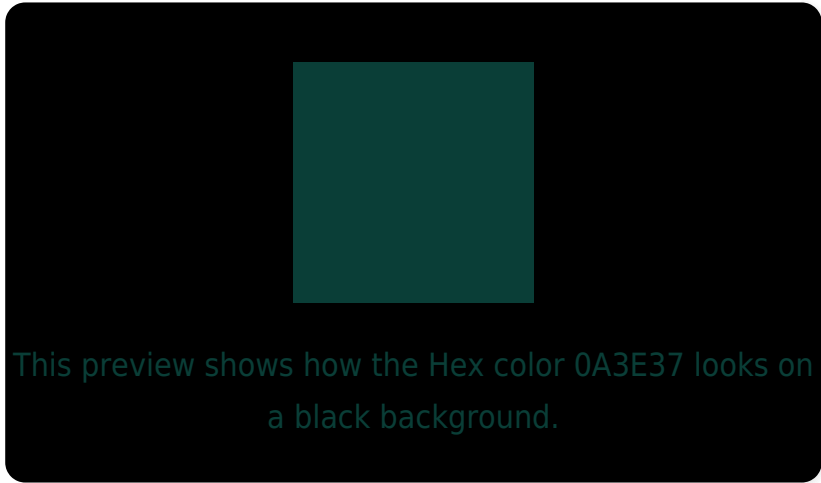
Large Text (above 18pt) WCAG AA ✓ Pass

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

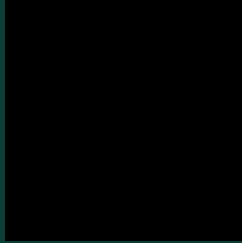
Any Text WCAG AA × Fail

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 0A3E37 Background



This preview shows how black text looks on a background with the Hex color 0A3E37.



This preview shows how white text looks on a background with the Hex color 0A3E37.

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
0A3E37

Protanopia
393733

Deuteranopia
3B3539



Tritanopia
133D41

Trichromacy



Original Color
0A3E37

Protanomaly
283A34

Deuteranomaly
293838

Tritanomaly
103D3D

Monochromacy



Original Color
0A3E37

Achromatopsia
2E2E2E

Achromatomaly
213431

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A3E37 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 #0A3E37 looks like.

```
.text, #text, p{  
    color:#0A3E37  
}
```

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 #0A3E37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A3E37
}
```

Border

The CSS property to change the border of an element to Hex 0A3E37 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".

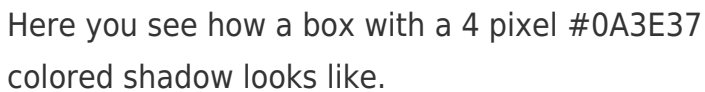
```
.border, #border, table{ border:4px solid
#0A3E37 }
```

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

```
.border{ border-color:#0A3E37 }
```

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

Here you see how a box with a 4 pixel #0A3E37 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A3E37; -webkit-box-shadow:4px 4px  
4px 4px #0A3E37; box-shadow:4px 4px 4px  
4px #0A3E37 }
```

Background

The CSS property to change the background color of an element to Hex 0A3E37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A3E37 }
```

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

```
.background{ background-color:#0A3E37 }
```

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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