

Converting Colors

Hex(0D3A39)

Have a look what the booklet for
Hex(0D3A39) contains.

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Color

Hex(0D3A39)

Conversions

Conversions Part 1

Format	Color
Hex	0D3A39
RGB	13, 58, 57
RGB Percent	5%, 23%, 22%
CMY	0.9490, 0.7725, 0.7765
CMYK	0.78, 0.00, 0.02, 0.77
HSL	179°, 63%, 14%
HSV	179°, 78%, 23%
XYZ	2.4176, 3.4071, 4.4011
YIQ	44.4310, -26.4990, -9.8510

Conversions

Conversions Part 2

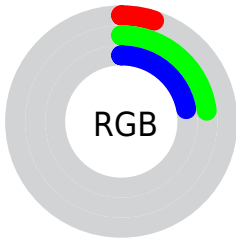
Format	Color
RYB	13, 36, 58
Decimal	866873
CIELab	21.61, -15.05, -3.80
CIELCh	22, 15.521, 194.174
Yxy	3.4071, 0.2364, 0.3332
Android (android.graphics.Color)	4279056953 (0xFF0D3A39)
YUV	44.4310, 6.1965, -27.5650
Hunter-Lab	18.4583, -8.9232, -1.2160

Details

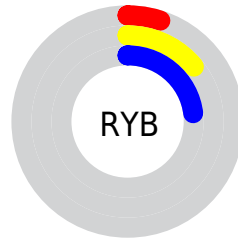
The Hex color **0D3A39** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A0D0E**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3F6968**, and **000C0E** is the 20% darker color. If you saturate the color by 10%, you get **073A39**, and if you desaturate by 10%, it is **133A39**.

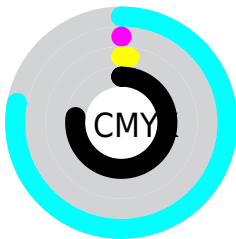
Distribution



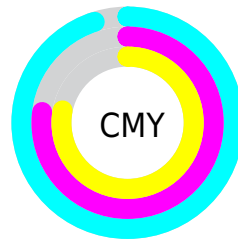
- Red (5%)
- Green (23%)
- Blue (22%)



- Red (5%)
- Yellow (14%)
- Blue (23%)



- Cyan (78%)
- Magenta (0%)
- Yellow (2%)
- Black (77%)



- Cyan (95%)
- Magenta (77%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D3A39 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 0D3A39 by changing the saturation by 10% instead.

 0D3A39

 0D3A39

 FBFFFF


 002424

 3F6968

 000C0E

 588381

 000000

 719D9B

 8CB8B6

 A6D3D1

 C2F0EE

 DEFFFF

 0D3A39

 0D3A39

■ 073A39

■ 133A39

■ 013A39

■ 193A39

■ 003A39

■ 1E3A39

■ 243A3A

■ 2A3A3A

■ 303A3A

■ 363A3A

■ 3B3A3A

■ 413A3A

Harmonies

Analogous

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



1B3A2D



0D3A39



0A3943

Triad

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



0D3A39



3C2F44



41311E

Complementary

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



0D3A39



3A0D0E

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.



482D24



0D3A39



462C3A

Square

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



0D3A39



2C334A



4A2B2F



36351D

Rectangle

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



0D3A39



143848



4A2B2F



44301F

Sweetspot

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



0D3A39



3B4D4C



0F3A0D



1C2626



A6A6A6



262626

Same Dimension

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



0D3A39



054D4B



0D253A



191C1C



005C5A



00DBD6

Inverse Universe

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



3A0D0E



4D0507



3A220D



1C1919



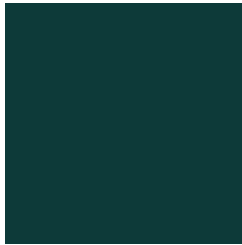
5C0002



DB0005

Previews

White Background



This preview shows how the Hex color 0D3A39 looks on a white background.

Color Contrast Check

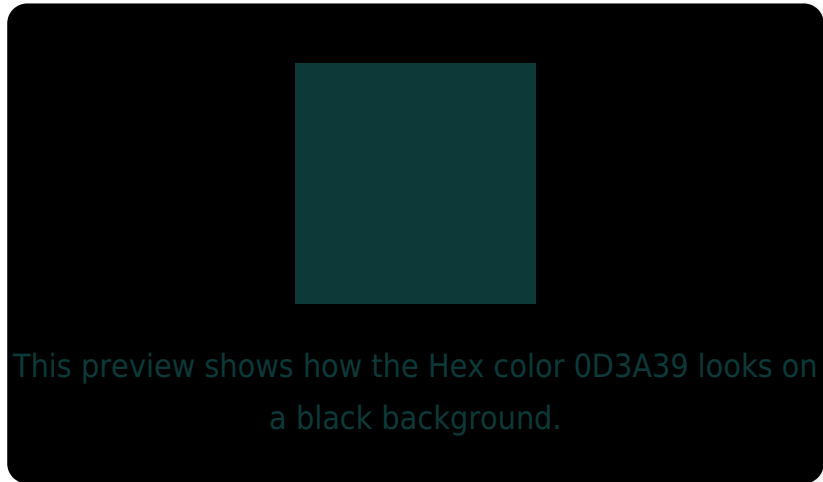
Large Text (above 18pt) WCAG AA ✓ Pass

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

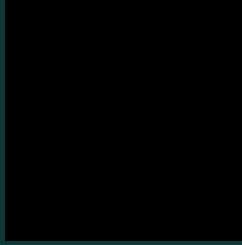
Any Text WCAG AA × Fail

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 0D3A39 Background



This preview shows how black text looks on a background with the Hex color 0D3A39.



This preview shows how white text looks on a background with the Hex color 0D3A39.

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](#).

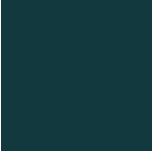
Dichromacy



Original Color
0D3A39

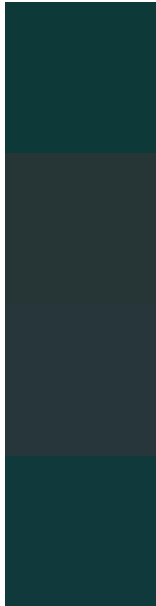
Protanopia
343435

Deuteranopia
36333B



Tritanopia
11393E

Trichromacy



Original Color
0D3A39

Protanomaly
263636

Deuteranomaly
27363A

Tritanomaly
10393C

Monochromacy



Original Color
0D3A39

Achromatopsia
2C2C2C

Achromatomaly
213131

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D3A39 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 #0D3A39 looks like.

```
.text, #text, p{  
    color:#0D3A39  
}
```

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 #0D3A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3A39
}
```

Border

The CSS property to change the border of an element to Hex 0D3A39 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
#0D3A39 }
```

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

```
.border{ border-color:#0D3A39 }
```

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

Here you see how a box with a 4 pixel #0D3A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3A39; -webkit-box-shadow:4px 4px  
4px 4px #0D3A39; box-shadow:4px 4px 4px  
4px #0D3A39 }
```

Background

The CSS property to change the background color of an element to Hex 0D3A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3A39 }
```

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

```
.background{ background-color:#0D3A39 }
```

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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