

Converting Colors

Hex(0C3C43)

Have a look what the booklet for
Hex(0C3C43) contains.

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Color

Hex(0C3C43)

Conversions

Conversions Part 1

Format	Color
Hex	0C3C43
RGB	12, 60, 67
RGB Percent	5%, 24%, 26%
CMY	0.9529, 0.7647, 0.7373
CMYK	0.82, 0.10, 0.00, 0.74
HSL	188°, 70%, 15%
HSV	188°, 82%, 26%
XYZ	2.7806, 3.7151, 5.8807
YIQ	46.4460, -30.8550, -7.9990

Conversions

Conversions Part 2

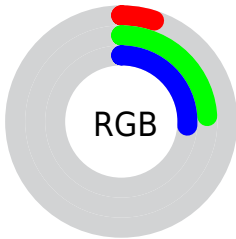
Format	Color
RYB	12, 38, 67
Decimal	801859
CIELab	22.71, -12.77, -8.86
CIELCh	23, 15.548, 214.761
Yxy	3.7151, 0.2247, 0.3002
Android (android.graphics.Color)	4278991939 (0xFF0C3C43)
YUV	46.4460, 10.1331, -30.2091
Hunter-Lab	19.2747, -7.9799, -4.5972

Details

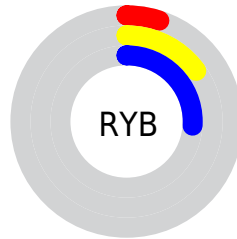
The Hex color **0C3C43** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **43130C**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **406C73**, and **001218** is the 20% darker color. If you saturate the color by 10%, you get **053B43**, and if you desaturate by 10%, it is **133D43**.

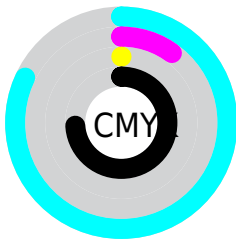
Distribution



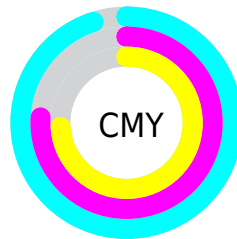
- Red (5%)
- Green (24%)
- Blue (26%)



- Red (5%)
- Yellow (15%)
- Blue (26%)



- Cyan (82%)
- Magenta (10%)
- Yellow (0%)
- Black (74%)



- Cyan (95%)
- Magenta (76%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C3C43 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 0C3C43 by changing the saturation by 10% instead.

0C3C43

0C3C43

FFFFFF

00262D

406C73

001218

5A858C

000000

739FA7

8EBAC2

A9D6DE

C4F2FA

E1FFFF

0C3C43

0C3C43

■ 053B43

■ 133D43

■ 003A43

■ 193E43

■ 203F43

■ 273F43

■ 2D4043

■ 344143

■ 3B4243

■ 424343

■ 484443

Harmonies

Analogous

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



143D38



0C3C43



173A4B

Triad

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



0C3C43



462F40



3C361F

Complementary

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



0C3C43



43130C

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.



463222



0C3C43



4C2D35

Square

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



0C3C43



3A3349



4C2F2A



303923

Rectangle

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



0C3C43



23384D



4C2F2A



40351F

Sweetspot

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



0C3C43



415457



0C4312



1E2A2B



ABABAB



2B2B2B

Same Dimension

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



0C3C43



014C57



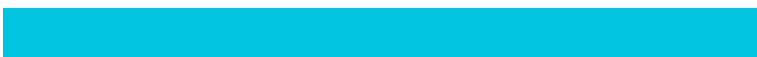
0C2143



1E2121



005561



00C4E0

Inverse Universe

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



430C3C



57014C



432E0C



211E21



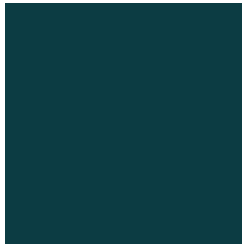
610055



E000C4

Previews

White Background



This preview shows how the Hex color 0C3C43 looks on a white background.

Color Contrast Check

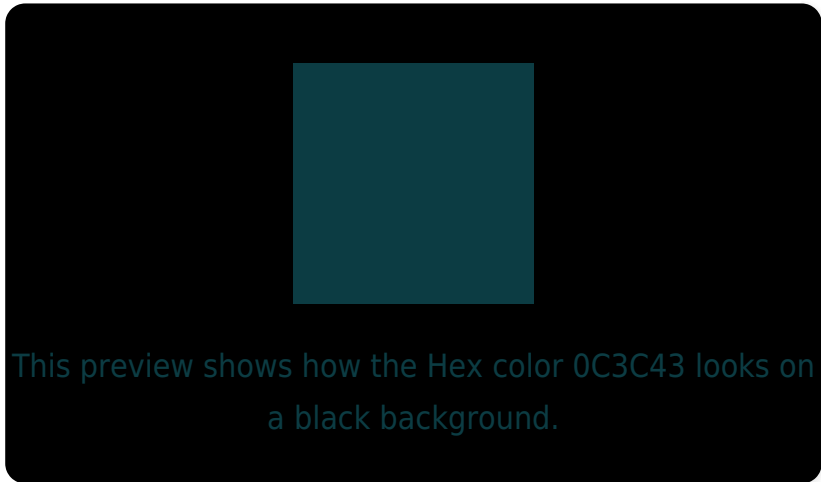
Large Text (above 18pt) WCAG AA ✓ Pass

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

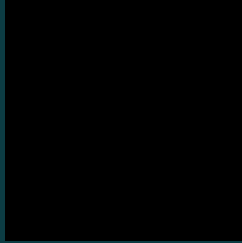
Any Text WCAG AA × Fail

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 0C3C43 Background



This preview shows how black text looks on a background with the Hex color 0C3C43.



This preview shows how white text looks on a background with the Hex color 0C3C43.

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
0C3C43

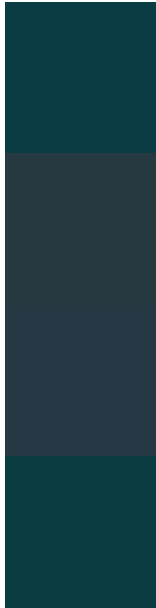
Protanopia
35363F

Deuteranopia
343545



Tritanopia
0A3C41

Trichromacy



Original Color
0C3C43

Protanomaly
263840

Deuteranomaly
253844

Tritanomaly
0B3C42

Monochromacy



Original Color
0C3C43

Achromatopsia
2E2E2E

Achromatomaly
223336

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3C43 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 #0C3C43 looks like.

```
.text, #text, p{  
    color:#0C3C43  
}
```

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 #0C3C43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3C43
}
```

Border

The CSS property to change the border of an element to Hex 0C3C43 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".

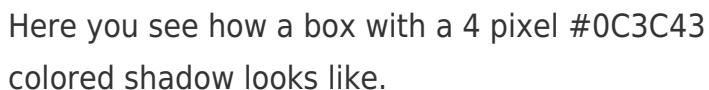
```
.border, #border, table{ border:4px solid
#0C3C43 }
```

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

```
.border{ border-color:#0C3C43 }
```

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

Here you see how a box with a 4 pixel #0C3C43 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3C43; -webkit-box-shadow:4px 4px  
4px 4px #0C3C43; box-shadow:4px 4px 4px  
4px #0C3C43 }
```

Background

The CSS property to change the background color of an element to Hex 0C3C43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3C43 }
```

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

```
.background{ background-color:#0C3C43 }
```

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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