

Converting Colors

Hex(0C3D34)

Have a look what the booklet for
Hex(0C3D34) contains.

Hex(0C3D34)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0C3D34)

Conversions

Conversions Part 1

Format	Color
Hex	0C3D34
RGB	12, 61, 52
RGB Percent	5%, 24%, 20%
CMY	0.9529, 0.7608, 0.7961
CMYK	0.80, 0.00, 0.15, 0.76
HSL	169°, 67%, 14%
HSV	169°, 80%, 24%
XYZ	2.4402, 3.6636, 3.8273
YIQ	45.3230, -26.3150, -13.1870

Conversions

Conversions Part 2

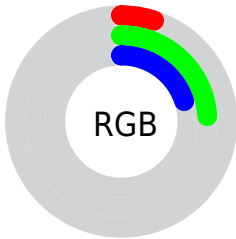
Format	Color
RYB	12, 39, 61
Decimal	802100
CIELab	22.53, -18.56, 0.91
CIELCh	23, 18.583, 177.194
Yxy	3.6636, 0.2457, 0.3689
Android (android.graphics.Color)	4278992180 (0xFF0C3D34)
YUV	45.3230, 3.2918, -29.2243
Hunter-Lab	19.1405, -10.7391, 1.5427

Details

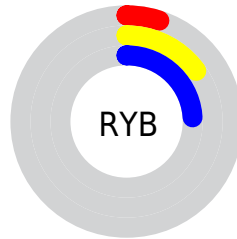
The Hex color **0C3D34** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D0C15**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3F6D62**, and **001007** is the 20% darker color. If you saturate the color by 10%, you get **063D33**, and if you desaturate by 10%, it is **123D35**.

Distribution



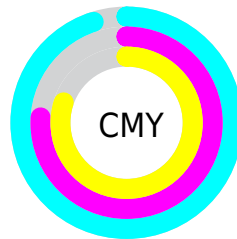
- Red (5%)
- Green (24%)
- Blue (20%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (15%)
- Black (76%)



- Cyan (95%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C3D34 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 0C3D34 by changing the saturation by 10% instead.

 0C3D34

 0C3D34

 FBFFFF

 00271F

 3F6D62

 001007

 57867B

 000000

 71A195

 8BBCB0

 A6D8CB

 C2F4E7

 DEFFFF

 0C3D34

 0C3D34

■ 063D33

■ 123D35

■ 003D32

■ 183D36

■ 1E3D37

■ 243D38

■ 2B3D3A

■ 313D3B

■ 373D3C

■ 3D3D3D

■ 433D3E

Harmonies

Analogous

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



213C26



0C3D34



003D42

Triad

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



0C3D34



35334E



4B301F

Complementary

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



0C3D34



3D0C15

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.



502C2A



0C3D34



462E45

Square

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



0C3D34



1E3851



4F2B38



40351A

Rectangle

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



0C3D34



003C4A



4F2B38



4D2E22

Sweetspot

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



0C3D34



3C4F4C



163D0C



1D2927



A8A8A8



292929

Same Dimension

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



0C3D34



034F41



0C2E3D



1C1F1E



005E4D



00DEB5

Inverse Universe

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



3D0C15



4F0311



3D1B0C



1F1C1C



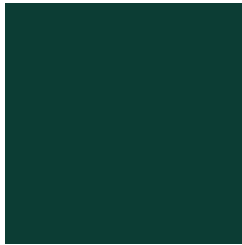
5E0011



DE0029

Previews

White Background



This preview shows how the Hex color 0C3D34 looks on a white background.

Color Contrast Check

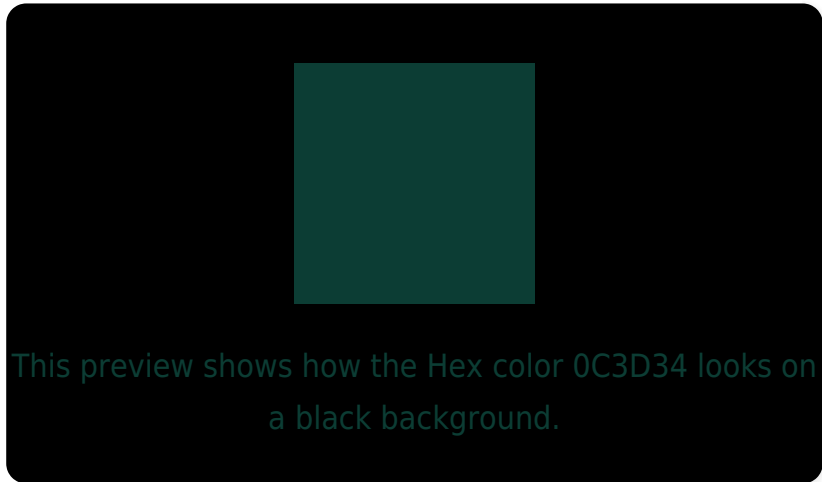
Large Text (above 18pt) WCAG AA ✓ Pass

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

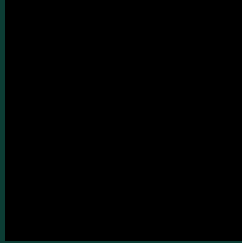
Any Text WCAG AA × Fail

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 0C3D34 Background



This preview shows how black text looks on a background with the Hex color 0C3D34.



This preview shows how white text looks on a background with the Hex color 0C3D34.

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](#).

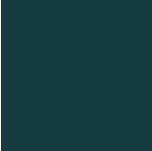
Dichromacy



Original Color
0C3D34

Protanopia
383630

Deuteranopia
3B3436



Tritanopia
143B40

Trichromacy



Original Color
0C3D34

Protanomaly
283931

Deuteranomaly
2A3735

Tritanomaly
113C3C

Monochromacy



Original Color
0C3D34

Achromatopsia
2D2D2D

Achromatomaly
213330

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3D34 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 #0C3D34 looks like.

```
.text, #text, p{  
    color:#0C3D34  
}
```

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 #0C3D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3D34
}
```

Border

The CSS property to change the border of an element to Hex 0C3D34 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".

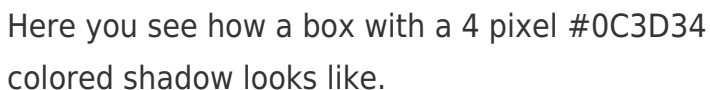
```
.border, #border, table{ border:4px solid
#0C3D34 }
```

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

```
.border{ border-color:#0C3D34 }
```

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

Here you see how a box with a 4 pixel #0C3D34 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3D34; -webkit-box-shadow:4px 4px  
4px 4px #0C3D34; box-shadow:4px 4px 4px  
4px #0C3D34 }
```

Background

The CSS property to change the background color of an element to Hex 0C3D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3D34 }
```

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

```
.background{ background-color:#0C3D34 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor