

Converting Colors

Hex(0D3C41)

Have a look what the booklet for
Hex(0D3C41) contains.

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Color

Hex(0D3C41)

Conversions

Conversions Part 1

Format	Color
Hex	0D3C41
RGB	13, 60, 65
RGB Percent	5%, 24%, 25%
CMY	0.9490, 0.7647, 0.7451
CMYK	0.80, 0.08, 0.00, 0.75
HSL	186°, 67%, 15%
HSV	186°, 80%, 25%
XYZ	2.7360, 3.6989, 5.5708
YIQ	46.5170, -29.6170, -8.4090

Conversions

Conversions Part 2

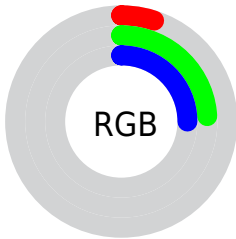
Format	Color
R_{YB}	13, 38, 65
Decimal	867393
CIE _{Lab}	22.65, -13.36, -7.61
CIE _{LCh}	23, 15.374, 209.667
Yxy	3.6989, 0.2279, 0.3081
Android (android.graphics.Color)	4279057473 (0xFF0D3C41)
YUV	46.5170, 9.1121, -29.3944
Hunter-Lab	19.2326, -8.2642, -3.7107

Details

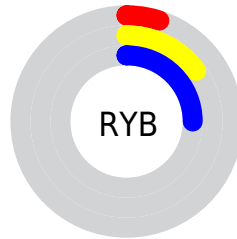
The Hex color **0D3C41** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **41120D**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **416C71**, and **001217** is the 20% darker color. If you saturate the color by 10%, you get **063B41**, and if you desaturate by 10%, it is **143D41**.

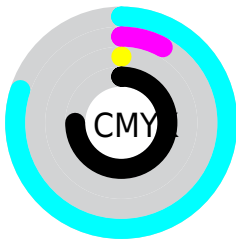
Distribution



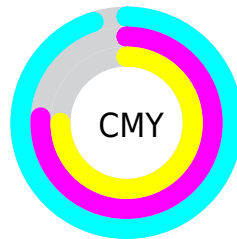
- Red (5%)
- Green (24%)
- Blue (25%)



- Red (5%)
- Yellow (15%)
- Blue (25%)



- Cyan (80%)
- Magenta (8%)
- Yellow (0%)
- Black (75%)



- Cyan (95%)
- Magenta (76%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D3C41 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 0D3C41 by changing the saturation by 10% instead.

0D3C41

0D3C41

FEFFFF

00262B

416C71

001217

5A858A

000000

739FA4

8EBAC0

A9D6DB

C4F2F8

E1FFFF

0D3C41

0D3C41

■ 063B41

■ 143D41

■ 003B41

■ 1A3D41

■ 213E41

■ 273F41

■ 2D3F41

■ 344041

■ 3B4041

■ 414141

■ 484241

Harmonies

Analogous

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



173C36



0D3C41



153A4A

Triad

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



0D3C41



442F42



3E351F

Complementary

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



0D3C41



41120D

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.



473123



0D3C41



4C2D37

Square

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



0D3C41



37334A



4C2E2B



323922

Rectangle

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



0D3C41



20384C



4C2E2B



413420

Sweetspot

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



0D3C41



405254



0D4111



1F2A2B



ABABAB



2B2B2B

Same Dimension

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



0D3C41



034C54



0D2341



1E2121



005861



00CBE0

Inverse Universe

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



410D3C



54034C



412B0D



211E21



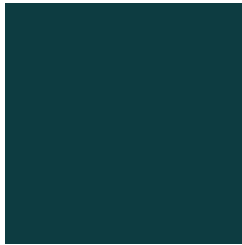
610058



E000CB

Previews

White Background



This preview shows how the Hex color 0D3C41 looks on a white background.

Color Contrast Check

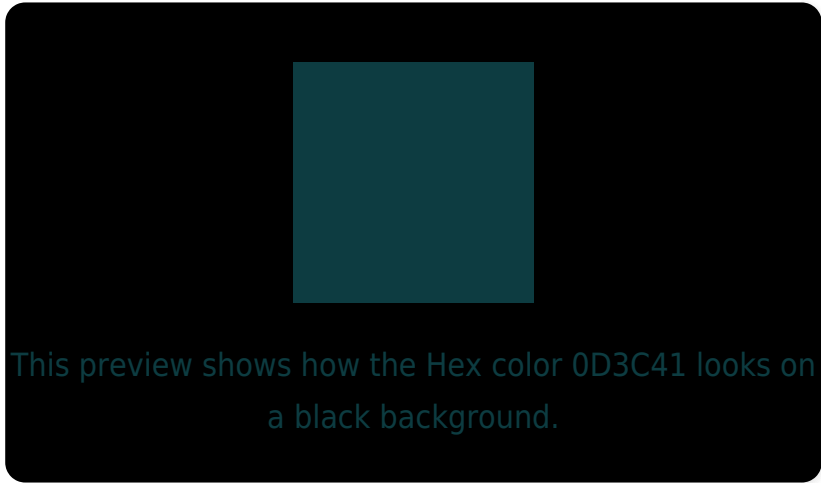
Large Text (above 18pt) WCAG AA ✓ Pass

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

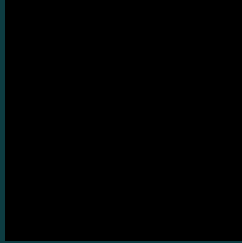
Any Text WCAG AA × Fail

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 0D3C41 Background



This preview shows how black text looks on a background with the Hex color 0D3C41.



This preview shows how white text looks on a background with the Hex color 0D3C41.

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
0D3C41

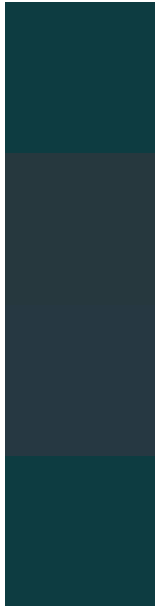
Protanopia
35363D

Deuteranopia
353543



Tritanopia
0D3C41

Trichromacy



Original Color
0D3C41

Protanomaly
26383E

Deuteranomaly
263842

Tritanomaly
0D3C41

Monochromacy



Original Color
0D3C41

Achromatopsia
2F2F2F

Achromatomaly
233436

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D3C41 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 #0D3C41 looks like.

```
.text, #text, p{  
    color:#0D3C41  
}
```

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 #0D3C41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3C41
}
```

Border

The CSS property to change the border of an element to Hex 0D3C41 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
#0D3C41 }
```

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

```
.border{ border-color:#0D3C41 }
```

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

Here you see how a box with a 4 pixel #0D3C41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3C41; -webkit-box-shadow:4px 4px  
4px 4px #0D3C41; box-shadow:4px 4px 4px  
4px #0D3C41 }
```

Background

The CSS property to change the background color of an element to Hex 0D3C41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3C41 }
```

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

```
.background{ background-color:#0D3C41 }
```

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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