

Converting Colors

Hex(0B3739)

Have a look what the booklet for
Hex(0B3739) contains.

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Color

Hex(0B3739)

Conversions

Conversions Part 1

Format	Color
Hex	0B3739
RGB	11, 55, 57
RGB Percent	4%, 22%, 22%
CMY	0.9569, 0.7843, 0.7765
CMYK	0.81, 0.04, 0.00, 0.78
HSL	183°, 68%, 13%
HSV	183°, 81%, 22%
XYZ	2.2427, 3.0989, 4.3508
YIQ	42.0720, -26.8660, -8.7060

Conversions

Conversions Part 2

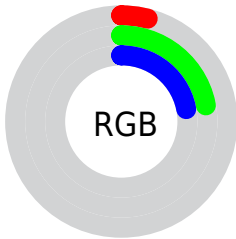
Format	Color
R_{YB}	11, 33, 57
Decimal	735033
CIE _{Lab}	20.44, -13.64, -5.56
CIE _{LCh}	20, 14.728, 202.160
Yxy	3.0989, 0.2314, 0.3197
Android (android.graphics.Color)	4278925113 (0xFF0B3739)
YUV	42.0720, 7.3595, -27.2501
Hunter-Lab	17.6038, -8.0658, -2.3311

Details

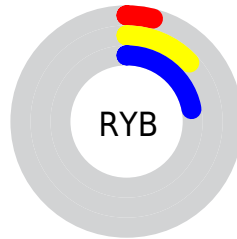
The Hex color **0B3739** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **390D0B**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3E6668**, and **00040E** is the 20% darker color. If you saturate the color by 10%, you get **053739**, and if you desaturate by 10%, it is **113739**.

Distribution



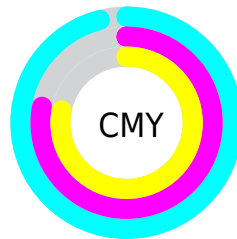
- Red (4%)
- Green (22%)
- Blue (22%)



- Red (4%)
- Yellow (13%)
- Blue (22%)



- Cyan (81%)
- Magenta (4%)
- Yellow (0%)
- Black (78%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0B3739 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 0B3739 by changing the saturation by 10% instead.

 0B3739

 0B3739

 F9FFFF

 002124

 3E6668

 00040E

 567F81

 000000

 70999B

 8AB4B6

 A4D0D1

 C0ECEE

 DCFFFF

 0B3739

 0B3739

■ 053739

■ 113739

■ 003739

■ 163739

■ 1C3839

■ 223839

■ 283839

■ 2D3839

■ 333939

■ 393939

■ 3E3939

Harmonies

Analogous

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



17372E



0B3739



0E3642

Triad

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



0B3739



3C2C3F



3B301C

Complementary

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



0B3739



390D0B

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.



432C21



0B3739



442935

Square

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



0B3739



2F2F45



47292A



30331D

Rectangle

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



0B3739



183446



47292A



3E2E1D

Sweetspot

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



0B3739



38494A



0B390D



1B2626



A6A6A6



262626

Same Dimension

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



0B3739



02474A



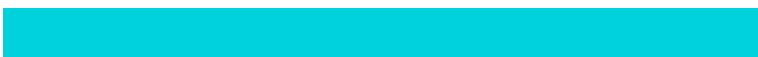
0B2039



191C1C



00585C



00D2DB

Inverse Universe

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



390B37



4A0247



39240B



1C191C



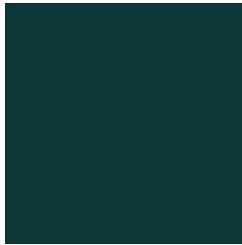
5C0058



DB00D2

Previews

White Background



This preview shows how the Hex color 0B3739 looks on a white background.

Color Contrast Check

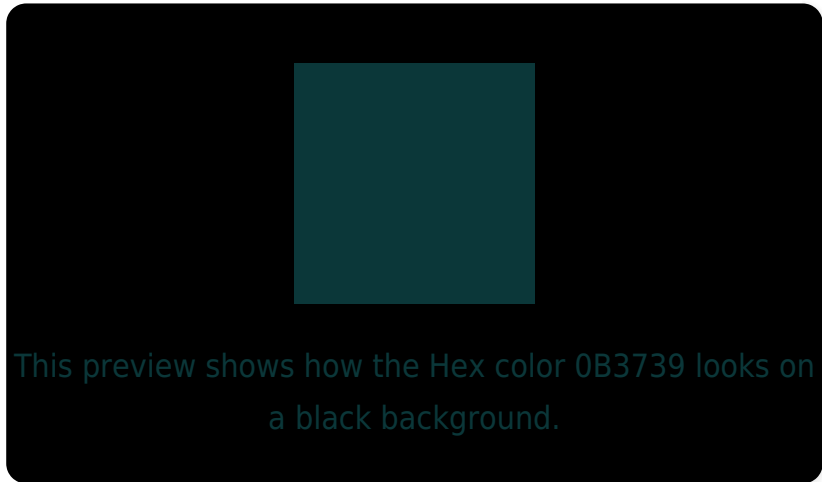
Large Text (above 18pt) WCAG AA ✓ Pass

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

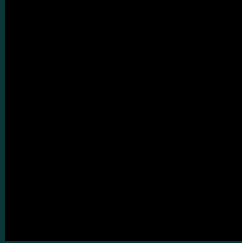
Any Text WCAG AA × Fail

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 0B3739 Background



This preview shows how black text looks on a background with the Hex color 0B3739.



This preview shows how white text looks on a background with the Hex color 0B3739.

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](#).

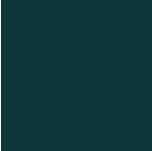
Dichromacy



Original Color
0B3739

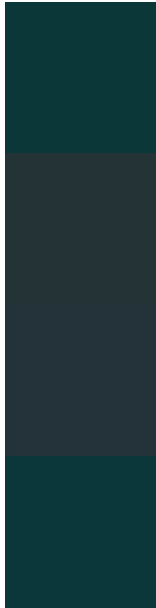
Protanopia
313135

Deuteranopia
32303A



Tritanopia
0D373B

Trichromacy



Original Color
0B3739

Protanomaly
233336

Deuteranomaly
24333A

Tritanomaly
0C373A

Monochromacy



Original Color
0B3739

Achromatopsia
2A2A2A

Achromatomaly
1F2F2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B3739 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 #0B3739 looks like.

```
.text, #text, p{  
    color:#0B3739  
}
```

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 #0B3739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3739
}
```

Border

The CSS property to change the border of an element to Hex 0B3739 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
#0B3739 }
```

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

```
.border{ border-color:#0B3739 }
```

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

Here you see how a box with a 4 pixel #0B3739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3739; -webkit-box-shadow:4px 4px  
4px 4px #0B3739; box-shadow:4px 4px 4px  
4px #0B3739 }
```

Background

The CSS property to change the background color of an element to Hex 0B3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3739 }
```

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

```
.background{ background-color:#0B3739 }
```

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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