

Converting Colors

Hex(0B3759)

Have a look what the booklet for
Hex(0B3759) contains.

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Color

Hex(0B3759)

Conversions

Conversions Part 1

Format	Color
Hex	0B3759
RGB	11, 55, 89
RGB Percent	4%, 22%, 35%
CMY	0.9569, 0.7843, 0.6510
CMYK	0.88, 0.38, 0.00, 0.65
HSL	206°, 78%, 20%
HSV	206°, 88%, 35%
XYZ	3.3074, 3.5248, 9.9572
YIQ	45.7200, -37.1380, 1.2460

Conversions

Conversions Part 2

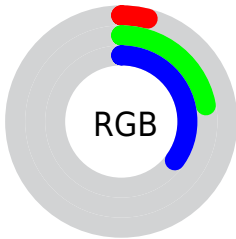
Format	Color
R_{YB}	11, 39, 89
Decimal	735065
CIE _{Lab}	22.03, -0.70, -24.53
CIE _{LCh}	22, 24.541, 268.361
Yxy	3.5248, 0.1970, 0.2099
Android (android.graphics.Color)	4278925145 (0xFF0B3759)
YUV	45.7200, 21.3370, -30.4494
Hunter-Lab	18.7744, -1.4101, -18.3030

Details

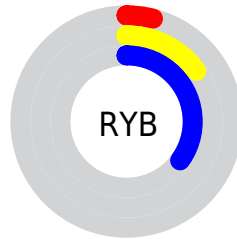
The Hex color **0B3759** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **592D0B**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **45658B**, and **000B2B** is the 20% darker color. If you saturate the color by 10%, you get **023359**, and if you desaturate by 10%, it is **143B59**.

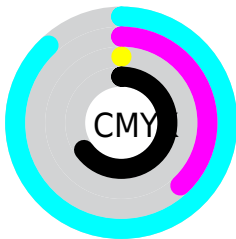
Distribution



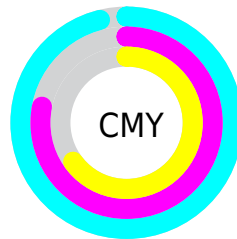
- Red (4%)
- Green (22%)
- Blue (35%)



- Red (4%)
- Yellow (15%)
- Blue (35%)



- Cyan (88%)
- Magenta (38%)
- Yellow (0%)
- Black (65%)



- Cyan (96%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B3759 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 0B3759 by changing the saturation by 10% instead.

■ 0B3759

■ 0B3759

FFFFFF

■ 002241

■ 45658B

■ 000B2B

■ 5F7EA6

■ 000116

■ 7998C1

■ 000000

■ 94B3DD

■ AFCEFA

■ CBEBFF

■ E8FFFF

■ 0B3759

■ 0B3759

■ 023359

■ 143B59

■ 003259

■ 1D3F59

■ 264359

■ 2F4759

■ 384A59

■ 404E59

■ 495259

■ 525659

■ 5B5A59

Harmonies

Analogous

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



003B53



0B3759



343055

Triad

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



0B3759



562724



163C21

Complementary

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



0B3759



592D0B

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.



2E3913



0B3759



4E2D16

Square

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



0B3759



552536



40330F



003E33

Rectangle

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



0B3759



442B4D



40330F



1F3B1C

Sweetspot

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



0B3759



556673



0B592D



28333B



BABABA



3B3B3B

Same Dimension

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



0B3759



004173



0B1059



27292B



003C6B



0084EB

Inverse Universe

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



590B37



730041



59540B



2B2729



6B003C



EB0084

Previews

White Background



This preview shows how the Hex color 0B3759 looks on a white background.

Color Contrast Check

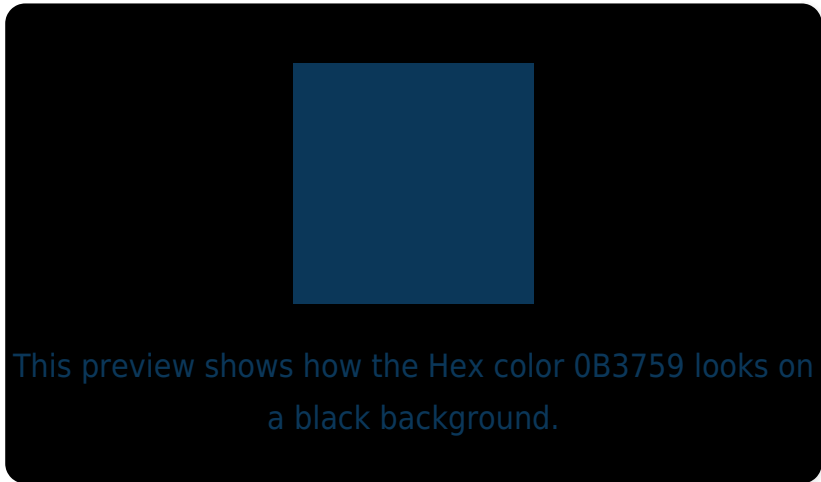
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B3759 Background



This preview shows how black text looks on a background with the Hex color 0B3759.



This preview shows how white text looks on a background with the Hex color 0B3759.

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
0B3759

Protanopia
273456

Deuteranopia
1B3559



Tritanopia
003B3F

Trichromacy



Original Color
0B3759

Protanomaly
1D3557

Deuteranomaly
153659

Tritanomaly
043A48

Monochromacy



Original Color
0B3759

Achromatopsia
2E2E2E

Achromatomaly
21313E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B3759 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 #0B3759 looks like.

```
.text, #text, p{  
    color:#0B3759  
}
```

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 #0B3759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3759
}
```

Border

The CSS property to change the border of an element to Hex 0B3759 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
#0B3759 }
```

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

```
.border{ border-color:#0B3759 }
```

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

Here you see how a box with a 4 pixel #0B3759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3759; -webkit-box-shadow:4px 4px  
4px 4px #0B3759; box-shadow:4px 4px 4px  
4px #0B3759 }
```

Background

The CSS property to change the background color of an element to Hex 0B3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3759 }
```

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

```
.background{ background-color:#0B3759 }
```

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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