

Converting Colors

Hex(0B4759)

Have a look what the booklet for
Hex(0B4759) contains.

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Color

Hex(0B4759)

Conversions

Conversions Part 1

Format	Color
Hex	0B4759
RGB	11, 71, 89
RGB Percent	4%, 28%, 35%
CMY	0.9569, 0.7216, 0.6510
CMYK	0.88, 0.20, 0.00, 0.65
HSL	194°, 78%, 20%
HSV	194°, 88%, 35%
XYZ	4.1944, 5.2989, 10.2529
YIQ	55.1120, -41.5380, -7.1220

Conversions

Conversions Part 2

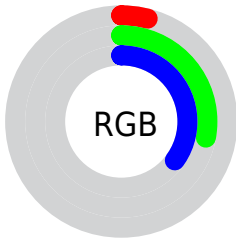
Format	Color
RYB	11, 45, 89
Decimal	739161
CIELab	27.57, -11.11, -15.87
CIELCh	28, 19.372, 235.004
Yxy	5.2989, 0.2124, 0.2683
Android (android.graphics.Color)	4278929241 (0xFF0B4759)
YUV	55.1120, 16.7068, -38.6862
Hunter-Lab	23.0193, -7.7588, -10.2945

Details

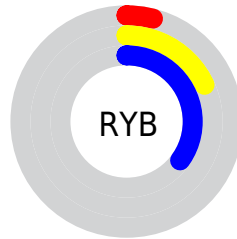
The Hex color **0B4759** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **591D0B**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **46778B**, and **001C2B** is the 20% darker color. If you saturate the color by 10%, you get **024559**, and if you desaturate by 10%, it is **144959**.

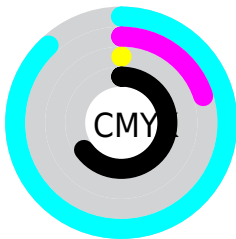
Distribution



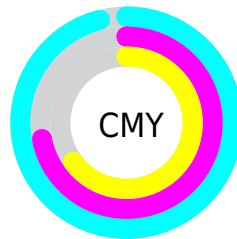
- Red (4%)
- Green (28%)
- Blue (35%)



- Red (4%)
- Yellow (18%)
- Blue (35%)



- Cyan (88%)
- Magenta (20%)
- Yellow (0%)
- Black (65%)



- Cyan (96%)
- Magenta (72%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B4759 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 0B4759 by changing the saturation by 10% instead.

0B4759

0B4759

FFFFFF

003142

46778B

001C2B

6091A5

000117

7AACC1

000000

95C7DC

B1E3F9

CDFFFF

EAFFFF

0B4759

0B4759

■ 024559

■ 144959

■ 004459

■ 1D4B59

■ 264D59

■ 2F4F59

■ 385159

■ 405359

■ 495559

■ 525759

■ 5B5959

Harmonies

Analogous

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



03494D



0B4759



27435E

Triad

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



0B4759



5C3644



3E4426

Complementary

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



0B4759



591D0B

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.



4D3F23



0B4759



5E3635

Square

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



0B4759



513952



583A29



2D4730

Rectangle

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



0B4759



38405E



583A29



434324

Sweetspot

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



0B4759



556C73



0B591C



28363B



BABABA



3B3B3B

Same Dimension

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



0B4759



005873



0B2159



272A2B



00526B



00B4EB

Inverse Universe

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



590B47



730058



59430B



2B272A



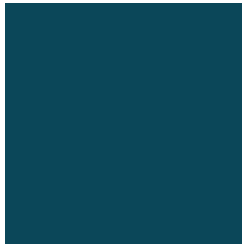
6B0052



EB00B4

Previews

White Background



This preview shows how the Hex color 0B4759 looks on a white background.

Color Contrast Check

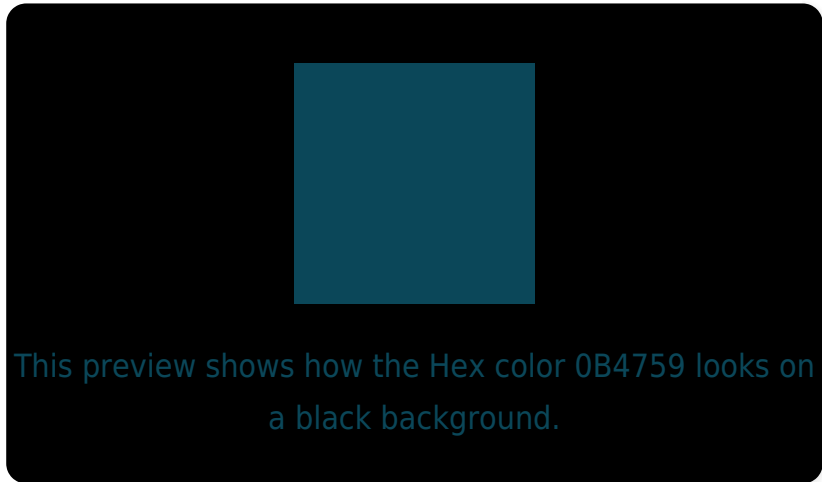
Large Text (above 18pt) WCAG AA ✓ Pass

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

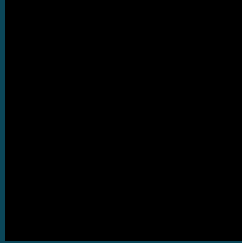
Any Text WCAG AA × Fail

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 0B4759 Background



This preview shows how black text looks on a background with the Hex color 0B4759.



This preview shows how white text looks on a background with the Hex color 0B4759.

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
0B4759

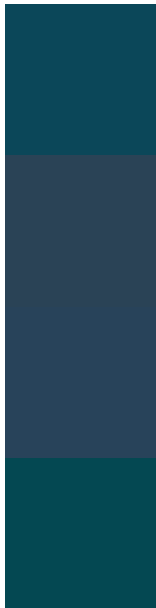
Protanopia
3C4054

Deuteranopia
39405B



Tritanopia
00484E

Trichromacy



Original Color
0B4759

Protanomaly
2A4356

Deuteranomaly
28435A

Tritanomaly
044852

Monochromacy



Original Color
0B4759

Achromatopsia
373737

Achromatomaly
273D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B4759 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 #0B4759 looks like.

```
.text, #text, p{  
    color:#0B4759  
}
```

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 #0B4759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4759
}
```

Border

The CSS property to change the border of an element to Hex 0B4759 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
#0B4759 }
```

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

```
.border{ border-color:#0B4759 }
```

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

Here you see how a box with a 4 pixel #0B4759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4759; -webkit-box-shadow:4px 4px  
4px 4px #0B4759; box-shadow:4px 4px 4px  
4px #0B4759 }
```

Background

The CSS property to change the background color of an element to Hex 0B4759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4759 }
```

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

```
.background{ background-color:#0B4759 }
```

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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