

Converting Colors

Hex(0B3D4A)

Have a look what the booklet for
Hex(0B3D4A) contains.

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Color

Hex(0B3D4A)

Conversions

Conversions Part 1

Format	Color
Hex	0B3D4A
RGB	11, 61, 74
RGB Percent	4%, 24%, 29%
CMY	0.9569, 0.7608, 0.7098
CMYK	0.85, 0.18, 0.00, 0.71
HSL	192°, 74%, 17%
HSV	192°, 85%, 29%
XYZ	3.0428, 3.9030, 7.0716
YIQ	47.5320, -33.9730, -6.5570

Conversions

Conversions Part 2

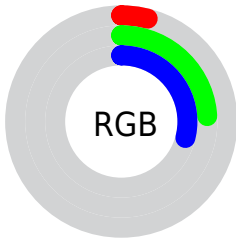
Format	Color
R_{YB}	11, 39, 74
Decimal	736586
CIE _{Lab}	23.35, -10.84, -12.55
CIE _{LCh}	23, 16.585, 229.176
Yxy	3.9030, 0.2171, 0.2784
Android (android.graphics.Color)	4278926666 (0xFF0B3D4A)
YUV	47.5320, 13.0487, -32.0386
Hunter-Lab	19.7561, -7.0811, -7.3931

Details

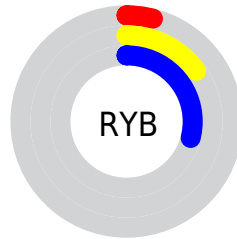
The Hex color **0B3D4A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A180B**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **416D7B**, and **00131E** is the 20% darker color. If you saturate the color by 10%, you get **043B4A**, and if you desaturate by 10%, it is **123F4A**.

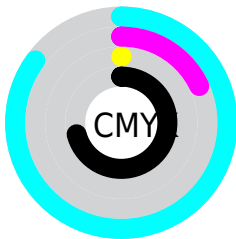
Distribution



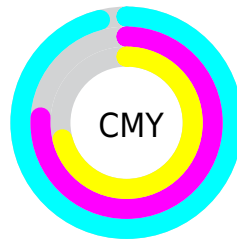
- Red (4%)
- Green (24%)
- Blue (29%)



- Red (4%)
- Yellow (15%)
- Blue (29%)



- Cyan (85%)
- Magenta (18%)
- Yellow (0%)
- Black (71%)



- Cyan (96%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B3D4A 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 0B3D4A by changing the saturation by 10% instead.

0B3D4A

0B3D4A

FFFFFF

002733

416D7B

00131E

5B8694

000003

75A0AF

000000

8FBBCB

AAD7E7

C6F3FF

E3FFFF

0B3D4A

0B3D4A

■ 043B4A

■ 123F4A

■ 003B4A

■ 1A404A

■ 21424A

■ 29434A

■ 30454A

■ 37464A

■ 3F484A

■ 46494A

■ 4E4B4A

Harmonies

Analogous

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



0A3E3F



0B3D4A



1E3A50

Triad

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



0B3D4A



4D2F3D



383920

Complementary

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



0B3D4A



4A180B

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.



44351F



0B3D4A



502E30

Square

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



0B3D4A



433248



4D3125



2A3C27

Rectangle

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



0B3D4A



2C3850



4D3125



3C381F

Sweetspot

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



0B3D4A



485C61



0B4A18



212D30



B0B0B0



303030

Same Dimension

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



0B3D4A



004D61



0B1E4A



222526



005166



00B6E6

Inverse Universe

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



4A0B3D



61004D



4A370B



262225



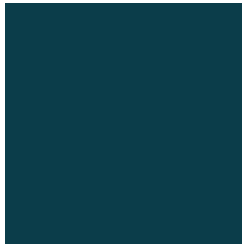
660051



E600B6

Previews

White Background



This preview shows how the Hex color 0B3D4A looks on a white background.

Color Contrast Check

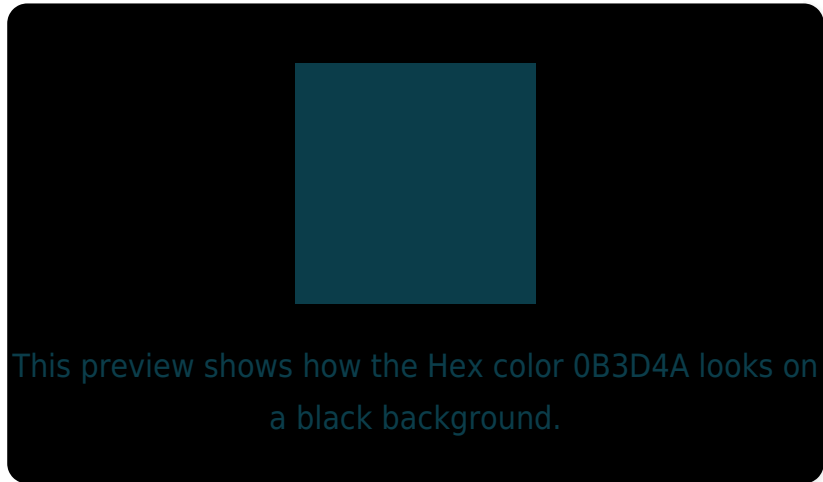
Large Text (above 18pt) WCAG AA ✓ Pass

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

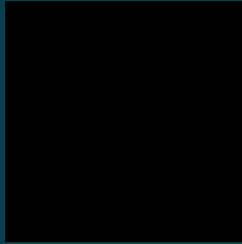
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

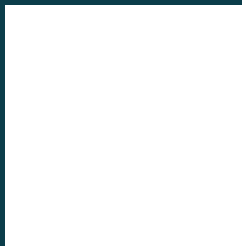
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0B3D4A Background



This preview shows how black text looks on a background with the Hex color 0B3D4A.



This preview shows how white text looks on a background with the Hex color 0B3D4A.

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
0B3D4A

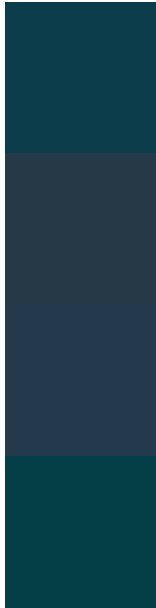
Protanopia
343746

Deuteranopia
32374B



Tritanopia
003E43

Trichromacy



Original Color
0B3D4A

Protanomaly
253947

Deuteranomaly
24394B

Tritanomaly
043E46

Monochromacy



Original Color
0B3D4A

Achromatopsia
303030

Achromatomaly
233539

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B3D4A 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 #0B3D4A looks like.

```
.text, #text, p{  
    color:#0B3D4A  
}
```

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 #0B3D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3D4A
}
```

Border

The CSS property to change the border of an element to Hex 0B3D4A 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".

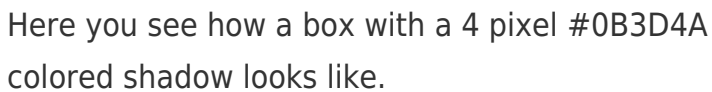
```
.border, #border, table{ border:4px solid
#0B3D4A }
```

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

```
.border{ border-color:#0B3D4A }
```

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

Here you see how a box with a 4 pixel #0B3D4A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3D4A; -webkit-box-shadow:4px 4px  
4px 4px #0B3D4A; box-shadow:4px 4px 4px  
4px #0B3D4A }
```

Background

The CSS property to change the background color of an element to Hex 0B3D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3D4A }
```

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

```
.background{ background-color:#0B3D4A }
```

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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