

Converting Colors

Hex(0B4E66)

Have a look what the booklet for
Hex(0B4E66) contains.

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Color

Hex(0B4E66)

Conversions

Conversions Part 1

Format	Color
Hex	0B4E66
RGB	11, 78, 102
RGB Percent	4%, 31%, 40%
CMY	0.9569, 0.6941, 0.6000
CMYK	0.89, 0.24, 0.00, 0.60
HSL	196°, 81%, 22%
HSV	196°, 89%, 40%
XYZ	5.2607, 6.4792, 13.5437
YIQ	60.7030, -47.6360, -6.7400

Conversions

Conversions Part 2

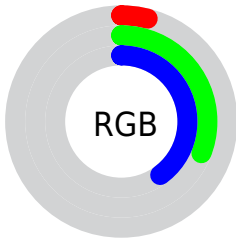
Format	Color
R_YB	11, 50, 102
Decimal	740966
CIE _{Lab}	30.59, -10.27, -19.51
CIE _{LCh}	31, 22.048, 242.226
Yxy	6.4792, 0.2081, 0.2563
Android (android.graphics.Color)	4278931046 (0xFF0B4E66)
YUV	60.7030, 20.3594, -43.5895
Hunter-Lab	25.4543, -7.6543, -13.7289

Details

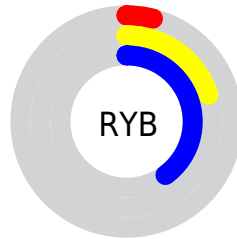
The Hex color **0B4E66** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66230B**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **497F99**, and **002237** is the 20% darker color. If you saturate the color by 10%, you get **014B66**, and if you desaturate by 10%, it is **155166**.

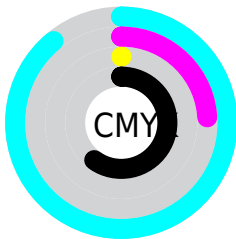
Distribution



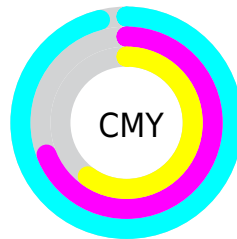
- Red (4%)
- Green (31%)
- Blue (40%)



- Red (4%)
- Yellow (20%)
- Blue (40%)



- Cyan (89%)
- Magenta (24%)
- Yellow (0%)
- Black (60%)



- Cyan (96%)
- Magenta (69%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B4E66 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 0B4E66 by changing the saturation by 10% instead.

0B4E66

0B4E66

FFFFFF

00374E

497F99

002237

6499B4

000622

7FB4D0

000008

9ACFEC

000000

B6ECFF

D3FFFF

F0FFFF

0B4E66

0B4E66

■ 014B66

■ 155166

■ 004B66

■ 1F5366

■ 2A5666

■ 345966

■ 3E5B66

■ 485E66

■ 526166

■ 5D6466

■ 676666

Harmonies

Analogous

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



00515A



0B4E66



30496A

Triad

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



0B4E66



683A47



404C2A

Complementary

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



0B4E66



66230B

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.



524725



0B4E66



683C37

Square

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



0B4E66



5F3D58



60412A



2B5037

Rectangle

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



0B4E66



434568



60412A



464B28

Sweetspot

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



0B4E66



617B85



0B6622



2D3D42



C2C2C2



424242

Same Dimension

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



0B4E66



006285



0B2266



2E3233



005473



00B2F2

Inverse Universe

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



660B4E



850062



664F0B



332E32



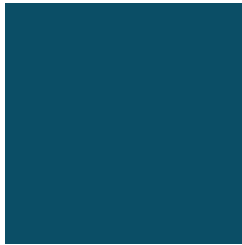
730054



F200B2

Previews

White Background



This preview shows how the Hex color 0B4E66 looks on a white background.

Color Contrast Check

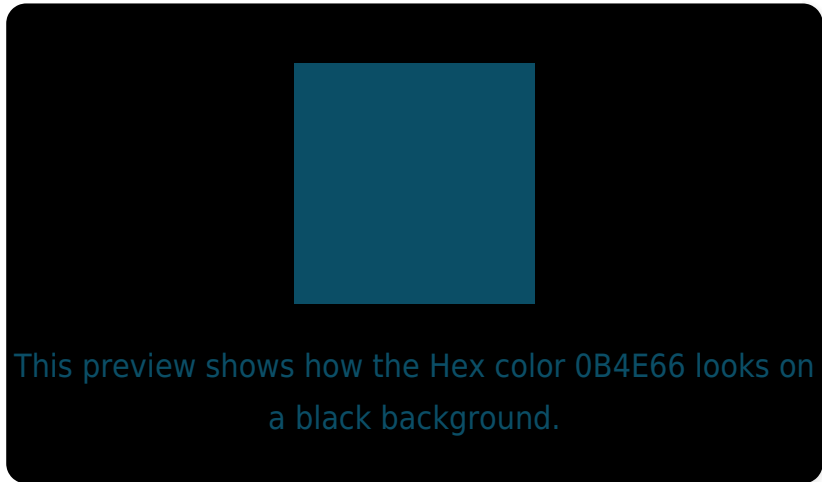
Large Text (above 18pt) WCAG AA ✓ Pass

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

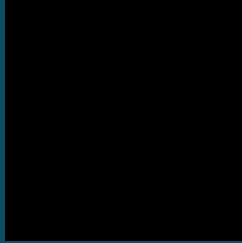
Any Text WCAG AA × Fail

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 0B4E66 Background



This preview shows how black text looks on a background with the Hex color 0B4E66.

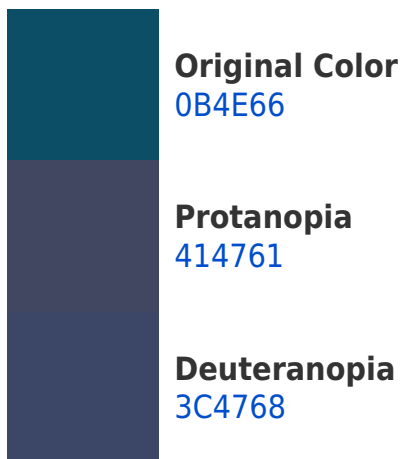


This preview shows how white text looks on a background with the Hex color 0B4E66.

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



Trichromacy



Original Color
0B4E66

Protanomaly
2D4A63

Deuteranomaly
2A4A67

Tritanomaly
044F5C

Monochromacy



Original Color
0B4E66

Achromatopsia
3D3D3D

Achromatomaly
2B434C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B4E66 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 #0B4E66 looks like.

```
.text, #text, p{  
    color:#0B4E66  
}
```

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 #0B4E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4E66  
}
```

Border

The CSS property to change the border of an element to Hex 0B4E66 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  
#0B4E66 }
```

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

```
.border{ border-color:#0B4E66 }
```

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

Here you see how a box with a 4 pixel #0B4E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4E66; -webkit-box-shadow:4px 4px  
4px 4px #0B4E66; box-shadow:4px 4px 4px  
4px #0B4E66 }
```

Background

The CSS property to change the background color of an element to Hex 0B4E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4E66 }
```

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

```
.background{ background-color:#0B4E66 }
```

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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