

Converting Colors

Hex(0B4D61)

Have a look what the booklet for
Hex(0B4D61) contains.

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Color

Hex(0B4D61)

Conversions

Conversions Part 1

Format	Color
Hex	0B4D61
RGB	11, 77, 97
RGB Percent	4%, 30%, 38%
CMY	0.9569, 0.6980, 0.6196
CMYK	0.89, 0.21, 0.00, 0.62
HSL	194°, 80%, 21%
HSV	194°, 89%, 38%
XYZ	4.9496, 6.2420, 12.2532
YIQ	59.5460, -45.7560, -7.7720

Conversions

Conversions Part 2

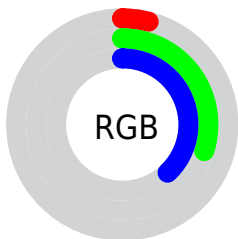
Format	Color
R_{YB}	11, 48, 97
Decimal	740705
CIE _{Lab}	30.01, -11.63, -17.22
CIE _{LCh}	30, 20.779, 235.982
Yxy	6.2420, 0.2111, 0.2662
Android (android.graphics.Color)	4278930785 (0xFF0B4D61)
YUV	59.5460, 18.4648, -42.5748
Hunter-Lab	24.9839, -8.3593, -11.5897

Details

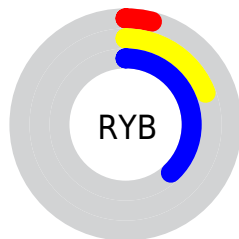
The Hex color **0B4D61** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **611F0B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **487E94**, and **002133** is the 20% darker color. If you saturate the color by 10%, you get **014B61**, and if you desaturate by 10%, it is **154F61**.

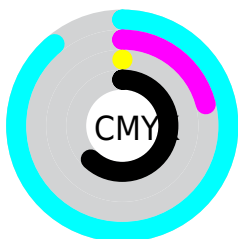
Distribution



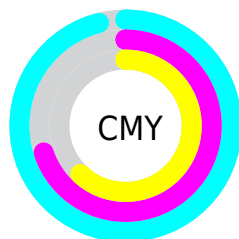
- Red (4%)
- Green (30%)
- Blue (38%)



- Red (4%)
- Yellow (19%)
- Blue (38%)



- Cyan (89%)
- Magenta (21%)
- Yellow (0%)
- Black (62%)



- Cyan (96%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B4D61 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 0B4D61 by changing the saturation by 10% instead.

0B4D61

0B4D61

FFFFFF

003649

487E94

002133

6398AE

00021E

7DB3CA

000000

99CEE6

B5EAFF

D1FFFF

EEFFFF

0B4D61

0B4D61

■ 014B61

■ 154F61

■ 004A61

■ 1E5261

■ 285461

■ 325661

■ 3C5861

■ 455B61

■ 4F5D61

■ 595F61

■ 626161

Harmonies

Analogous

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



004F54



0B4D61



2B4967

Triad

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



0B4D61



643A4A



434A29

Complementary

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



0B4D61



611F0B

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.



534526



0B4D61



663B39

Square

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



0B4D61



593E59



603F2C



304D34

Rectangle

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



0B4D61



3D4566



603F2C



494827

Sweetspot

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



0B4D61



5B757D



0B611E



2B3B40



BFBFBF



404040

Same Dimension

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



0B4D61



00607D



0B2361



2C2F30



005670



00B8F0

Inverse Universe

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



610B4D



7D0060



61490B



302C2F



700056



F000B8

Previews

White Background



This preview shows how the Hex color 0B4D61 looks on a white background.

Color Contrast Check

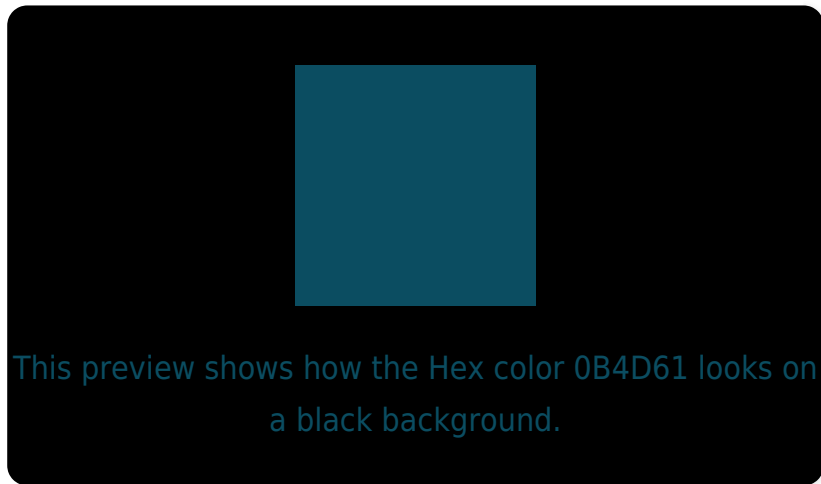
Large Text (above 18pt) WCAG AA ✓ Pass

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

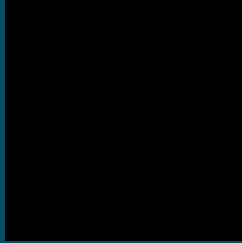
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

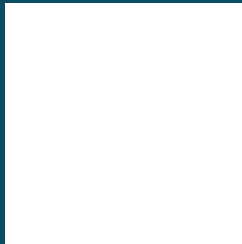
Any Text WCAG AAA × Fail

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

Hex 0B4D61 Background



This preview shows how black text looks on a background with the Hex color 0B4D61.



This preview shows how white text looks on a background with the Hex color 0B4D61.

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
0B4D61

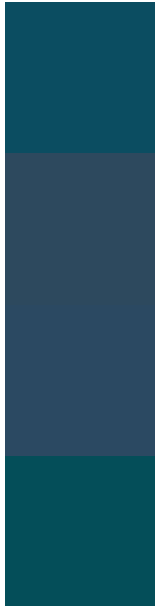
Protanopia
41465C

Deuteranopia
3D4663



Tritanopia
004F55

Trichromacy



Original Color
0B4D61

Protanomaly
2D495E

Deuteranomaly
2B4962

Tritanomaly
044E59

Monochromacy



Original Color
0B4D61

Achromatopsia
3C3C3C

Achromatomaly
2A4249

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B4D61 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 #0B4D61 looks like.

```
.text, #text, p{  
    color:#0B4D61  
}
```

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 #0B4D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4D61
}
```

Border

The CSS property to change the border of an element to Hex 0B4D61 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
#0B4D61 }
```

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

```
.border{ border-color:#0B4D61 }
```

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

Here you see how a box with a 4 pixel #0B4D61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4D61; -webkit-box-shadow:4px 4px  
4px 4px #0B4D61; box-shadow:4px 4px 4px  
4px #0B4D61 }
```

Background

The CSS property to change the background color of an element to Hex 0B4D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4D61 }
```

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

```
.background{ background-color:#0B4D61 }
```

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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