

Converting Colors

Hex(0B6D74)

Have a look what the booklet for
Hex(0B6D74) contains.

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Color

Hex(0B6D74)

Conversions

Conversions Part 1

Format	Color
Hex	0B6D74
RGB	11, 109, 116
RGB Percent	4%, 43%, 45%
CMY	0.9569, 0.5725, 0.5451
CMYK	0.91, 0.06, 0.00, 0.55
HSL	184°, 83%, 25%
HSV	184°, 91%, 45%
XYZ	8.7590, 12.2694, 18.4296
YIQ	80.4960, -60.6550, -18.5990

Conversions

Conversions Part 2

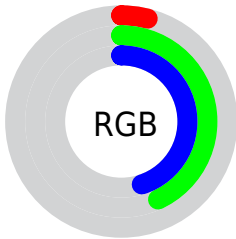
Format	Color
RYB	11, 62, 116
Decimal	748916
CIELab	41.64, -22.61, -11.25
CIELCh	42, 25.253, 206.457
Yxy	12.2694, 0.2220, 0.3109
Android (android.graphics.Color)	4278938996 (0xFF0B6D74)
YUV	80.4960, 17.5035, -60.9480
Hunter-Lab	35.0277, -16.6626, -6.6757

Details

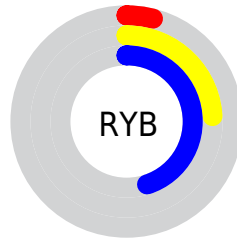
The Hex color **0B6D74** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **74120B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **50A1A8**, and **003D44** is the 20% darker color. If you saturate the color by 10%, you get **006C74**, and if you desaturate by 10%, it is **176E74**.

Distribution



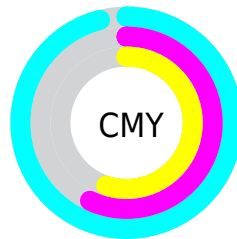
- Red (4%)
- Green (43%)
- Blue (45%)



- Red (4%)
- Yellow (24%)
- Blue (45%)



- Cyan (91%)
- Magenta (6%)
- Yellow (0%)
- Black (55%)



- Cyan (96%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B6D74 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 0B6D74 by changing the saturation by 10% instead.



0B6D74



0B6D74

FFFFFF



00545B



50A1A8



003D44



6CBCC3



00272E



88D8DF



000C1A



A4F4FC



000000



C1FFFF



DEFFFF



FCFFFF



0B6D74



0B6D74

■ 006C74

■ 176E74

■ 226F74

■ 2E6F74

■ 397074

■ 457174

■ 517274

■ 5C7274

■ 687374

■ 737474

Harmonies

Analogous

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



296D5F



0B6D74



1A6A84

Triad

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



0B6D74



7A5679



726039

Complementary

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



0B6D74



74120B

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.



825940



0B6D74



885266

Square

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



0B6D74



615E87



8A5351



5D673C

Rectangle

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



0B6D74



34678A



8A5351



785E3A

Sweetspot

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



0B6D74



6E9496



0B7412



344B4D



CCCCCC



4D4D4D

Same Dimension

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



0B6D74



008C96



0B3974



353A3B



00727A



00E9FA

Inverse Universe

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



740B6D



96008C



74460B



3B353A



7A0072



FA00E9

Previews

White Background



This preview shows how the Hex color 0B6D74 looks on a white background.

Color Contrast Check

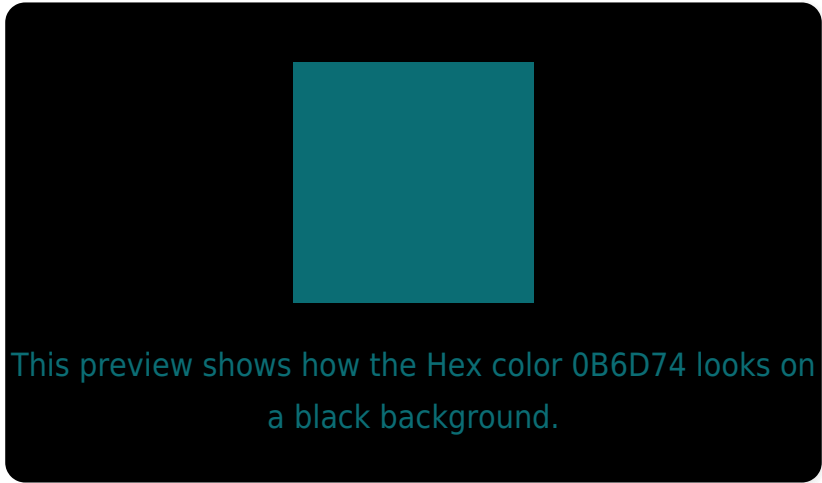
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

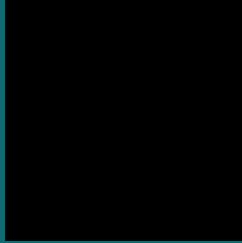
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

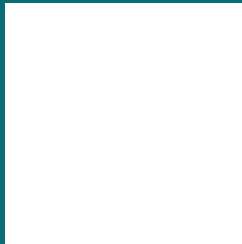
Any Text WCAG AAA × Fail

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

Hex 0B6D74 Background



This preview shows how black text looks on a background with the Hex color 0B6D74.

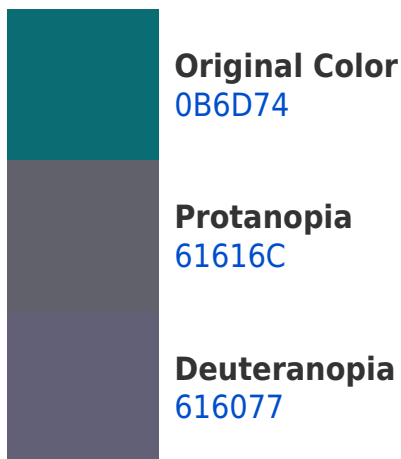


This preview shows how white text looks on a background with the Hex color 0B6D74.

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





Tritanopia
0E6D76

Trichromacy



Original Color
0B6D74



Protanomaly
42656F



Deuteranomaly
426576



Tritanomaly
0D6D75

Monochromacy



Original Color
0B6D74



Achromatopsia
505050



Achromatomaly
375B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B6D74 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 #0B6D74 looks like.

```
.text, #text, p{  
    color:#0B6D74  
}
```

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 #0B6D74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B6D74
}
```

Border

The CSS property to change the border of an element to Hex 0B6D74 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
#0B6D74 }
```

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

```
.border{ border-color:#0B6D74 }
```

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

Here you see how a box with a 4 pixel #0B6D74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B6D74; -webkit-box-shadow:4px 4px  
4px 4px #0B6D74; box-shadow:4px 4px 4px  
4px #0B6D74 }
```

Background

The CSS property to change the background color of an element to Hex 0B6D74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B6D74 }
```

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

```
.background{ background-color:#0B6D74 }
```

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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