

Converting Colors

Hex(0D6B74)

Have a look what the booklet for
Hex(0D6B74) contains.

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Color

Hex(0D6B74)

Conversions

Conversions Part 1

Format	Color
Hex	0D6B74
RGB	13, 107, 116
RGB Percent	5%, 42%, 45%
CMY	0.9490, 0.5804, 0.5451
CMYK	0.89, 0.08, 0.00, 0.55
HSL	185°, 80%, 25%
HSV	185°, 89%, 45%
XYZ	8.5761, 11.8619, 18.3606
YIQ	79.9200, -58.9130, -17.1290

Conversions

Conversions Part 2

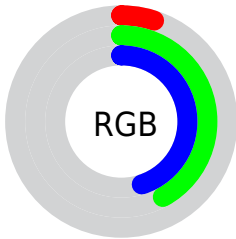
Format	Color
RYB	13, 62, 116
Decimal	879476
CIELab	41.00, -21.41, -12.23
CIELCh	41, 24.655, 209.726
Yxy	11.8619, 0.2210, 0.3057
Android (android.graphics.Color)	4279069556 (0xFF0D6B74)
YUV	79.9200, 17.7874, -58.6888
Hunter-Lab	34.4411, -15.8243, -7.4987

Details

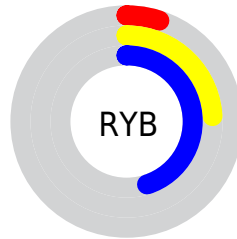
The Hex color **0D6B74** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **74160D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **509FA8**, and **003B44** is the 20% darker color. If you saturate the color by 10%, you get **016A74**, and if you desaturate by 10%, it is **196C74**.

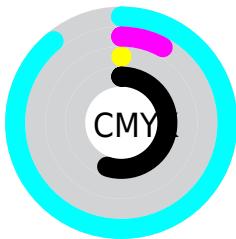
Distribution



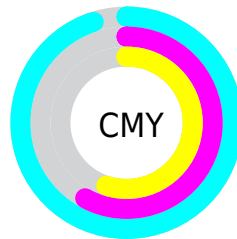
- Red (5%)
- Green (42%)
- Blue (45%)



- Red (5%)
- Yellow (24%)
- Blue (45%)



- Cyan (89%)
- Magenta (8%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6B74 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 0D6B74 by changing the saturation by 10% instead.

0D6B74

0D6B74

FFFFFF

00535B

509FA8

003B44

6CBAC3

00252E

88D6DF

00081A

A4F2FC

000000

C1FFFF

DEFFFF

FBFFFF

0D6B74

0D6B74

■ 016A74

■ 196C74

■ 006A74

■ 246D74

■ 306E74

■ 3B6F74

■ 477074

■ 537174

■ 5E7274

■ 6A7374

■ 757474

Harmonies

Analogous

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



266B60



0D6B74



206883

Triad

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



0D6B74



7A5575



6E5F38

Complementary

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



0D6B74



74160D

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.



7E583E



0D6B74



865162

Square

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



0D6B74



635C84



87534E



59653D

Rectangle

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



0D6B74



386588



87534E



745D39

Sweetspot

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



0D6B74



6E9396



0D7416



344A4D



CCCCCC



4D4D4D

Same Dimension

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



0D6B74



008996



0D3874



353A3B



00707A



00E4FA

Inverse Universe

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



740D6B



960089



74490D



3B353A



7A0070



FA00E4

Previews

White Background



This preview shows how the Hex color 0D6B74 looks on a white background.

Color Contrast Check

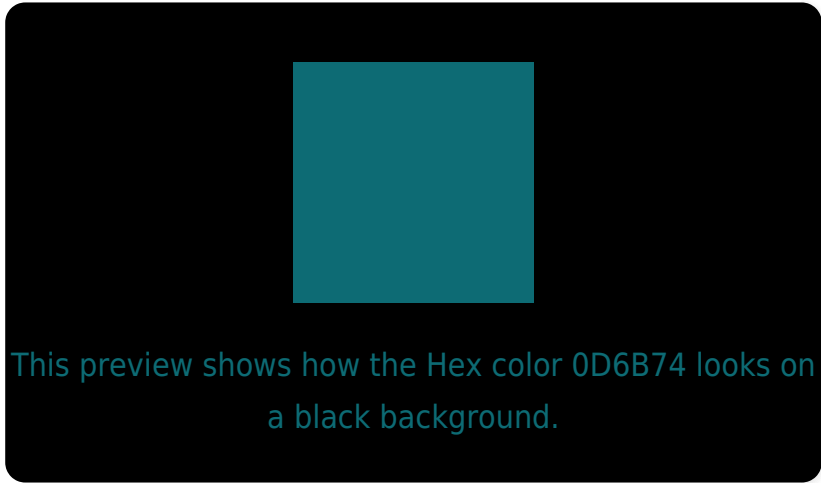
Large Text (above 18pt) WCAG AA ✓ Pass

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

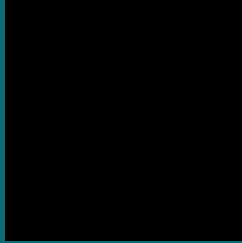
Any Text WCAG AA × Fail

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 0D6B74 Background



This preview shows how black text looks on a background with the Hex color 0D6B74.

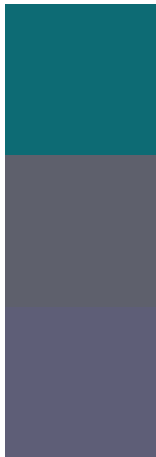


This preview shows how white text looks on a background with the Hex color 0D6B74.

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
0D6B74

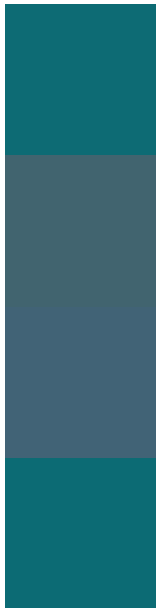
Protanopia
5E606C

Deuteranopia
5E5E77



Tritanopia
0C6B74

Trichromacy



Original Color
0D6B74

Protanomaly
41646F

Deuteranomaly
416376

Tritanomaly
0C6B74

Monochromacy



Original Color
0D6B74

Achromatopsia
505050

Achromatomaly
385A5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6B74 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 #0D6B74 looks like.

```
.text, #text, p{  
    color:#0D6B74  
}
```

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 #0D6B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6B74
}
```

Border

The CSS property to change the border of an element to Hex 0D6B74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

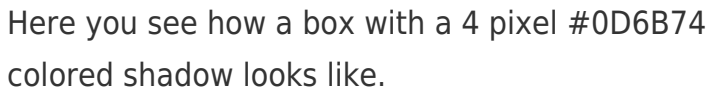
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D6B74 }
```

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

```
.border{ border-color:#0D6B74 }
```

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



Here you see how a box with a 4 pixel #0D6B74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6B74; -webkit-box-shadow:4px 4px  
4px 4px #0D6B74; box-shadow:4px 4px 4px  
4px #0D6B74 }
```

Background

The CSS property to change the background color of an element to Hex 0D6B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6B74 }
```

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

```
.background{ background-color:#0D6B74 }
```

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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