

Converting Colors

Hex(0D6D75)

Have a look what the booklet for
Hex(0D6D75) contains.

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Color

Hex(0D6D75)

Conversions

Conversions Part 1

Format	Color
Hex	0D6D75
RGB	13, 109, 117
RGB Percent	5%, 43%, 46%
CMY	0.9490, 0.5725, 0.5412
CMYK	0.89, 0.07, 0.00, 0.54
HSL	185°, 80%, 25%
HSV	185°, 89%, 46%
XYZ	8.8455, 12.3072, 18.7389
YIQ	81.2080, -59.7840, -17.8640

Conversions

Conversions Part 2

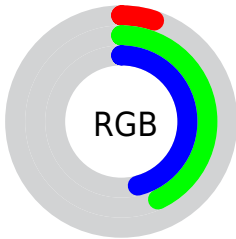
Format	Color
RYB	13, 63, 117
Decimal	879989
CIELab	41.70, -22.12, -11.76
CIELCh	42, 25.057, 208.003
Yxy	12.3072, 0.2217, 0.3085
Android (android.graphics.Color)	4279070069 (0xFF0D6D75)
YUV	81.2080, 17.6455, -59.8184
Hunter-Lab	35.0816, -16.3857, -7.1128

Details

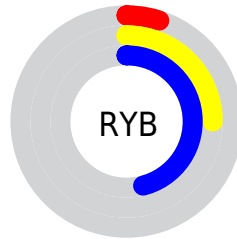
The Hex color **0D6D75** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **75150D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **51A1A9**, and **003D45** is the 20% darker color. If you saturate the color by 10%, you get **016C75**, and if you desaturate by 10%, it is **196E75**.

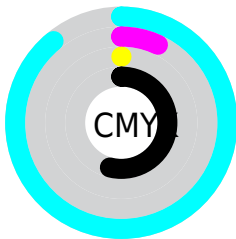
Distribution



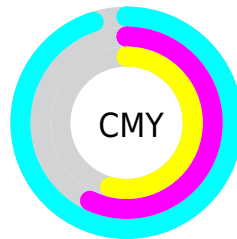
- Red (5%)
- Green (43%)
- Blue (46%)



- Red (5%)
- Yellow (25%)
- Blue (46%)



- Cyan (89%)
- Magenta (7%)
- Yellow (0%)
- Black (54%)



- Cyan (95%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6D75 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 0D6D75 by changing the saturation by 10% instead.

0D6D75

0D6D75

FFFFFF

00545C

51A1A9

003D45

6DBCC4

00272F

89D8E0

000D1A

A5F4FD

000000

C2FFFF

DFFFFFF

FCFFFF

0D6D75

0D6D75

■ 016C75

■ 196E75

■ 006C75

■ 246F75

■ 307075

■ 3C7175

■ 477275

■ 537275

■ 5F7375

■ 6B7475

■ 767575

Harmonies

Analogous

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



286D60



0D6D75



1E6A85

Triad

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



0D6D75



7B5678



716139

Complementary

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



0D6D75



75150D

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.



825A40



0D6D75



885265

Square

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



0D6D75



635E87



8A5450



5C673D

Rectangle

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



0D6D75



36678A



8A5450



775E3A

Sweetspot

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



0D6D75



709699



0D7514



344B4D



CCCCCC



4D4D4D

Same Dimension

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



0D6D75



008D99



0D3A75



353A3B



00717A



00E7FA

Inverse Universe

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



750D6D



99008D



75480D



3B353A



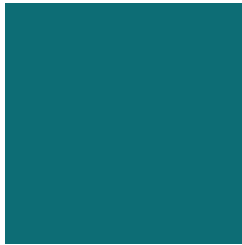
7A0071



FA00E7

Previews

White Background



This preview shows how the Hex color 0D6D75 looks on a white background.

Color Contrast Check

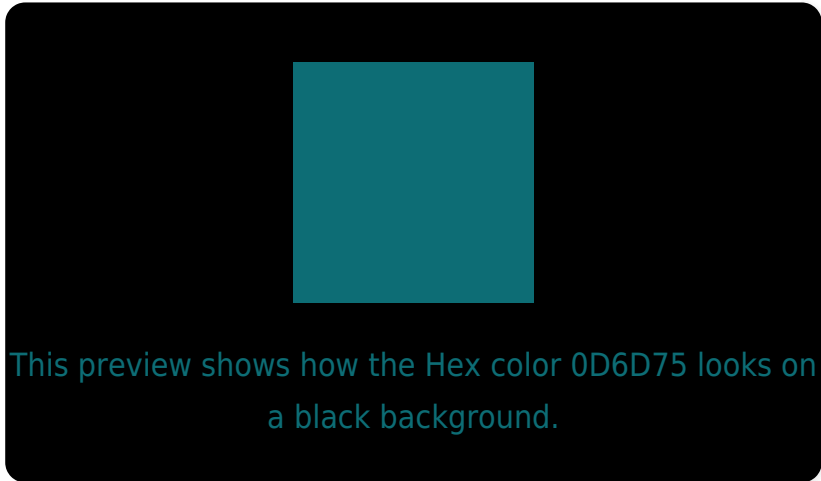
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D6D75 Background



This preview shows how black text looks on a background with the Hex color 0D6D75.

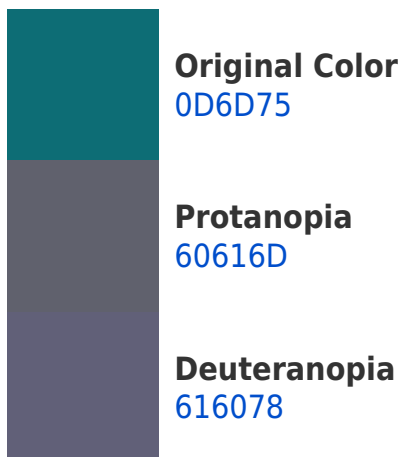


This preview shows how white text looks on a background with the Hex color 0D6D75.

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
0D6D75

Protanomaly
426570

Deuteranomaly
426577

Tritanomaly
0E6D76

Monochromacy



Original Color
0D6D75

Achromatopsia
515151

Achromatomaly
385B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6D75 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 #0D6D75 looks like.

```
.text, #text, p{  
    color:#0D6D75  
}
```

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 #0D6D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6D75
}
```

Border

The CSS property to change the border of an element to Hex 0D6D75 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
#0D6D75 }
```

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

```
.border{ border-color:#0D6D75 }
```

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

Here you see how a box with a 4 pixel #0D6D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6D75; -webkit-box-shadow:4px 4px  
4px 4px #0D6D75; box-shadow:4px 4px 4px  
4px #0D6D75 }
```

Background

The CSS property to change the background color of an element to Hex 0D6D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6D75 }
```

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

```
.background{ background-color:#0D6D75 }
```

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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