

# Converting Colors

Hex(0A6E75)

Have a look what the booklet for  
Hex(0A6E75) contains.

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# Color

**Hex(0A6E75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A6E75
RGB	10, 110, 117
RGB Percent	4%, 43%, 46%
CMY	0.9608, 0.5686, 0.5412
CMYK	0.91, 0.06, 0.00, 0.54
HSL	184°, 84%, 25%
HSV	184°, 91%, 46%
XYZ	8.9120, 12.5007, 18.7728
YIQ	80.8980, -61.8470, -19.0230

# Conversions

## Conversions Part 2

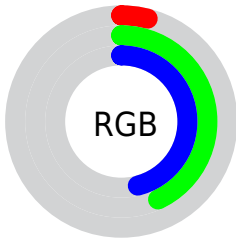
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 62, 117
Decimal	683637
CIELab	42.00, -22.85, -11.31
CIElCh	42, 25.500, 206.336
Yxy	12.5007, 0.2218, 0.3111
Android (android.graphics.Color)	4278873717 (0xFF0A6E75)
YUV	80.8980, 17.7983, -62.1775
Hunter-Lab	35.3564, -16.8807, -6.7311

# Details

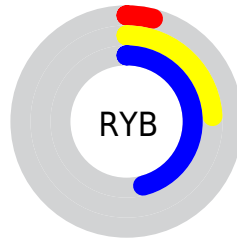
The Hex color **0A6E75** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **75110A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **50A2A9**, and **003E45** is the 20% darker color. If you saturate the color by 10%, you get **006D75**, and if you desaturate by 10%, it is **166F75**.

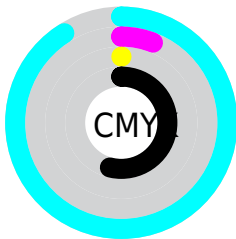
# Distribution



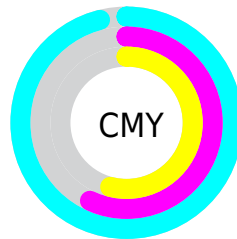
- Red (4%)
- Green (43%)
- Blue (46%)



- Red (4%)
- Yellow (24%)
- Blue (46%)



- Cyan (91%)
- Magenta (6%)
- Yellow (0%)
- Black (54%)



- Cyan (96%)
- Magenta (57%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A6E75 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 0A6E75 by changing the saturation by 10% instead.





0A6E75



0A6E75

FFFFFF



00555C



50A2A9



003E45



6CBDC4



00272F



88D9E0



000F1A



A5F6FD



000000



C1FFFF



DEFFFF



FFFFFFF



0A6E75



0A6E75

006D75

166F75

217075

2D7075

397175

447275

507375

5C7375

687475

737575

# Harmonies

## Analogous

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



296E60



0A6E75



1A6B85

# Triad

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



0A6E75



7B577B



736139

# Complementary

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



0A6E75



75110A

# 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.



835A41



0A6E75



895367

# Square

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



0A6E75



625F89



8C5452



5E673D

# Rectangle

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



0A6E75



34688B



8C5452



795F3A



# Sweetspot

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



0A6E75



709699



0A750F



344B4D



CCCCCC



4D4D4D



# Same Dimension

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



0A6E75



008F99



0A3A75



353A3B



00727A



00EAFA



# Inverse Universe

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



750A6E



99008F



75450A



3B353A



7A0072



FA00EA



# Previews

## White Background



This preview shows how the Hex color 0A6E75 looks on a white background.

## Color Contrast Check

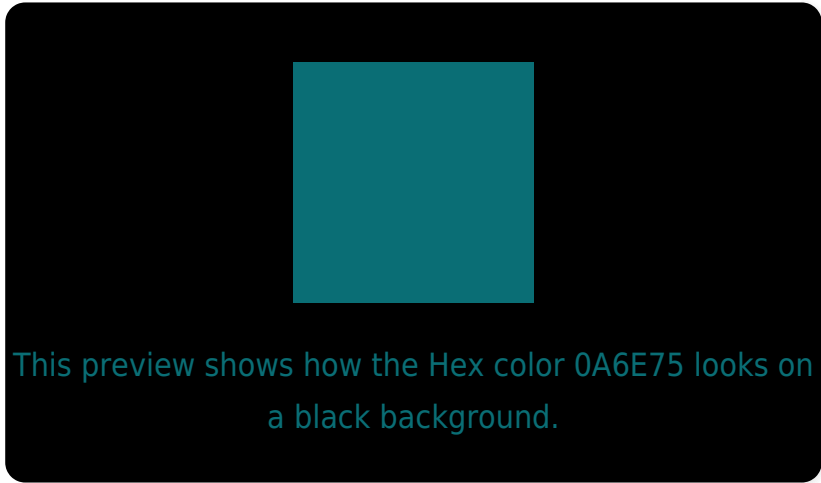
Large Text (above 18pt) WCAG AA ✓ Pass

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

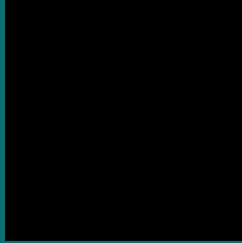
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A6E75 Background



This preview shows how black text looks on a background with the Hex color 0A6E75.

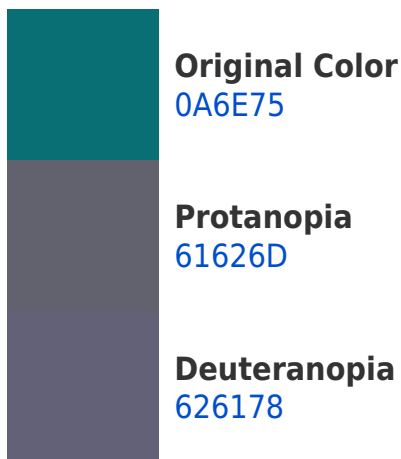


This preview shows how white text looks on a background with the Hex color 0A6E75.

# 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**  
0E6E77

# Trichromacy



**Original Color**  
0A6E75

**Protanomaly**  
416670

**Deuteranomaly**  
426677

**Tritanomaly**  
0D6E76

# Monochromacy



**Original Color**  
0A6E75

**Achromatopsia**  
515151

**Achromatomaly**  
375C5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A6E75 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 #0A6E75 looks like.

```
.text, #text, p{  
    color:#0A6E75  
}
```

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 #0A6E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6E75
}
```

## Border

The CSS property to change the border of an element to Hex 0A6E75 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
#0A6E75 }
```

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

```
.border{ border-color:#0A6E75 }
```

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

Here you see how a box with a 4 pixel #0A6E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6E75; -webkit-box-shadow:4px 4px  
4px 4px #0A6E75; box-shadow:4px 4px 4px  
4px #0A6E75 }
```

# Background

The CSS property to change the background color of an element to Hex 0A6E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6E75 }
```

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

```
.background{ background-color:#0A6E75 }
```

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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