

# Converting Colors

Hex(0A6C66)

Have a look what the booklet for  
Hex(0A6C66) contains.

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# Color

**Hex(0A6C66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A6C66
RGB	10, 108, 102
RGB Percent	4%, 42%, 40%
CMY	0.9608, 0.5765, 0.6000
CMYK	0.91, 0.00, 0.06, 0.58
HSL	176°, 83%, 23%
HSV	176°, 91%, 42%
XYZ	7.8860, 11.7490, 14.4225
YIQ	78.0140, -56.4820, -22.6420

# Conversions

## Conversions Part 2

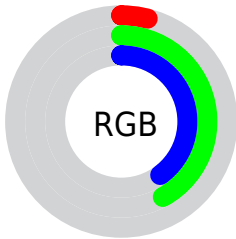
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 61, 108
Decimal	683110
CIELab	40.81, -26.81, -3.99
CIElCh	41, 27.108, 188.475
Yxy	11.7490, 0.2315, 0.3450
Android (android.graphics.Color)	4278873190 (0xFF0A6C66)
YUV	78.0140, 11.8251, -59.6483
Hunter-Lab	34.2768, -18.9171, -0.9535

# Details

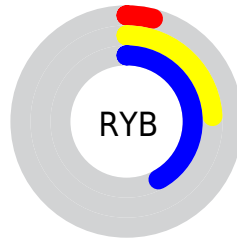
The Hex color **0A6C66** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6C0A10**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4EA099**, and **003C37** is the 20% darker color. If you saturate the color by 10%, you get **006C65**, and if you desaturate by 10%, it is **156C67**.

# Distribution



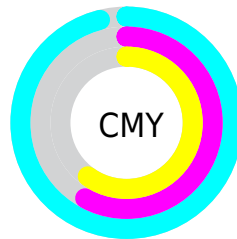
- Red (4%)
- Green (42%)
- Blue (40%)



- Red (4%)
- Yellow (24%)
- Blue (42%)



- Cyan (91%)
- Magenta (0%)
- Yellow (6%)
- Black (58%)



- Cyan (96%)
- Magenta (58%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A6C66 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 0A6C66 by changing the saturation by 10% instead.



0A6C66

0A6C66

FFFFFF

00534E

4EA099

003C37

69BBB4

002622

85D7CF

00060C

A1F4EB

000000

BDFFFF

DAFFFF

F8FFFF

0A6C66

0A6C66

■ 006C65

■ 156C67

■ 206C67

■ 2A6C68

■ 356C69

■ 406C69

■ 4B6C6A

■ 566C6B

■ 606C6B

■ 6B6C6C

# Harmonies

## Analogous

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



346B4F



0A6C66



006B7B

# Triad

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



0A6C66



6B5883



7C5937

# Complementary

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



0A6C66



6C0A10

# 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.



885246



0A6C66



815171

# Square

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



0A6C66



49608C



8B4F5B



686134

# Rectangle

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



0A6C66



056986



8B4F5B



81573B



# Sweetspot

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



0A6C66



668C8A



116C0A



314746



C7C7C7



474747



# Same Dimension

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



0A6C66



008C84



0A426C



303635



00756E



00F5E6



# Inverse Universe

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



6C0A10



8C0009



6C340A



363031



750007



F5000F



# Previews

## White Background



This preview shows how the Hex color 0A6C66 looks on a white background.

## Color Contrast Check

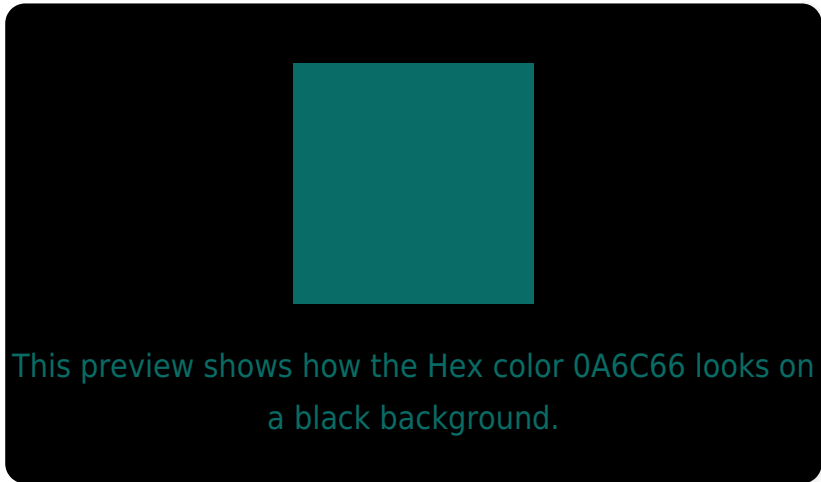
Large Text (above 18pt) WCAG AA ✓ Pass

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

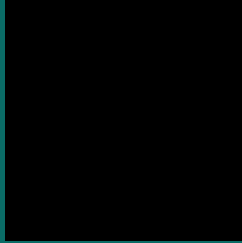
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A6C66 Background



This preview shows how black text looks on a background with the Hex color 0A6C66.

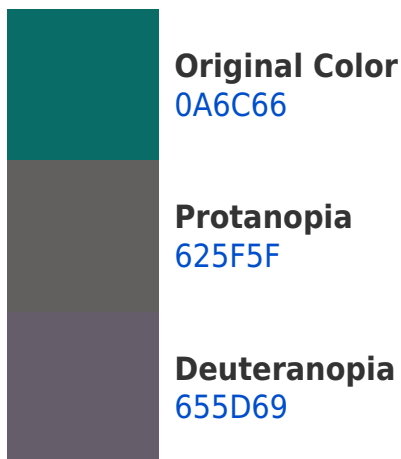



This preview shows how white text looks on a background with the Hex color 0A6C66.

# 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**  
1A6A73

# Trichromacy



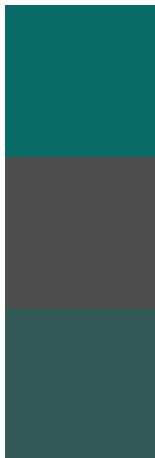
**Original Color**  
0A6C66

**Protanomaly**  
426462

**Deuteranomaly**  
446268

**Tritanomaly**  
146B6E

# Monochromacy



**Original Color**  
0A6C66

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
355957

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A6C66 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 #0A6C66 looks like.

```
.text, #text, p{  
    color:#0A6C66  
}
```

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 #0A6C66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6C66
}
```

## Border

The CSS property to change the border of an element to Hex 0A6C66 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
#0A6C66 }
```

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

```
.border{ border-color:#0A6C66 }
```

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

Here you see how a box with a 4 pixel #0A6C66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6C66; -webkit-box-shadow:4px 4px  
4px 4px #0A6C66; box-shadow:4px 4px 4px  
4px #0A6C66 }
```

# Background

The CSS property to change the background color of an element to Hex 0A6C66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6C66 }
```

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

```
.background{ background-color:#0A6C66 }
```

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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