

# Converting Colors

Hex(0A6764)

Have a look what the booklet for  
Hex(0A6764) contains.

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# Color

**Hex(0A6764)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A6764
RGB	10, 103, 100
RGB Percent	4%, 40%, 39%
CMY	0.9608, 0.5961, 0.6078
CMYK	0.90, 0.00, 0.03, 0.60
HSL	178°, 82%, 22%
HSV	178°, 90%, 40%
XYZ	7.2757, 10.6851, 13.7356
YIQ	74.8510, -54.4650, -20.6490

# Conversions

## Conversions Part 2

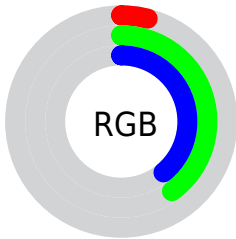
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 57, 103
Decimal	681828
CIELab	39.04, -24.96, -5.40
CIELCh	39, 25.541, 192.207
Yxy	10.6851, 0.2295, 0.3371
Android (android.graphics.Color)	4278871908 (0xFF0A6764)
YUV	74.8510, 12.3985, -56.8743
Hunter-Lab	32.6881, -17.4739, -2.0320

# Details

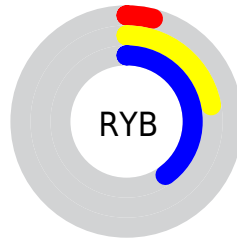
The Hex color **0A6764** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **670A0D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4C9B97**, and **003736** is the 20% darker color. If you saturate the color by 10%, you get **006764**, and if you desaturate by 10%, it is **146764**.

# Distribution



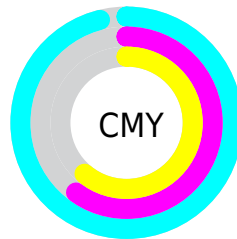
- Red (4%)
- Green (40%)
- Blue (39%)



- Red (4%)
- Yellow (22%)
- Blue (40%)



- Cyan (90%)
- Magenta (0%)
- Yellow (3%)
- Black (60%)



- Cyan (96%)
- Magenta (60%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A6764 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 0A6764 by changing the saturation by 10% instead.





0A6764



0A6764

FFFFFF



004F4C



4C9B97



003736



68B6B1



002220



83D1CD



000009



9FEEEE9



000000



BBFFFF



D8FFFF



F6FFFF



0A6764



0A6764

■ 006764

■ 146764

■ 1F6765

■ 296765

■ 336765

■ 3D6766

■ 486766

■ 526766

■ 5C6767

■ 676767

# Harmonies

## Analogous

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



2F664F



0A6764



006677

# Triad

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



0A6764



69537B



745635

# Complementary

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



0A6764



670A0D

# 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.



815041



0A6764



7C4D69

# Square

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



0A6764



4B5B84



844C54



615D33

# Rectangle

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



0A6764



156380



844C54



795438



# Sweetspot

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



0A6764



638786



0D670A



2F4544



C4C4C4



454545



# Same Dimension

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



0A6764



008783



0A3C67



2E3333



00736F



00F2EA



# Inverse Universe

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



670A0D



870004



67350A



332E2E



730004



F20008



# Previews

## White Background



This preview shows how the Hex color 0A6764 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

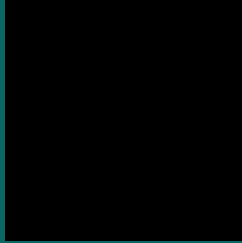
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A6764 Background



This preview shows how black text looks on a background with the Hex color 0A6764.

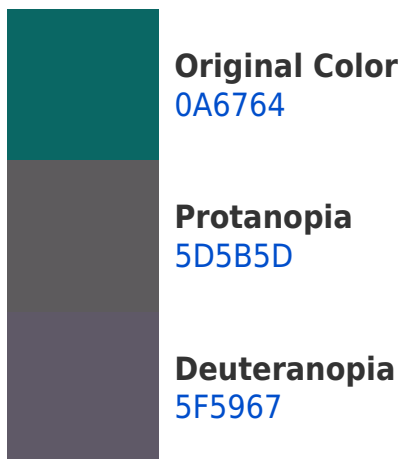



This preview shows how white text looks on a background with the Hex color 0A6764.

# 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**  
17666E

# Trichromacy



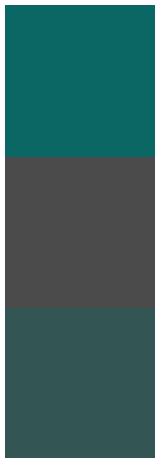
**Original Color**  
0A6764

**Protanomaly**  
3F5F60

**Deuteranomaly**  
405E66

**Tritanomaly**  
12666A

# Monochromacy



**Original Color**  
0A6764

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
335554

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A6764 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 #0A6764 looks like.

```
.text, #text, p{  
    color:#0A6764  
}
```

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 #0A6764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6764
}
```

## Border

The CSS property to change the border of an element to Hex 0A6764 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
#0A6764 }
```

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

```
.border{ border-color:#0A6764 }
```

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

Here you see how a box with a 4 pixel #0A6764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6764; -webkit-box-shadow:4px 4px  
4px 4px #0A6764; box-shadow:4px 4px 4px  
4px #0A6764 }
```

# Background

The CSS property to change the background color of an element to Hex 0A6764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6764 }
```

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

```
.background{ background-color:#0A6764 }
```

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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