

# Converting Colors

Hex(0B6572)

Have a look what the booklet for  
Hex(0B6572) contains.

<b>Hex(0B6572)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0B6572)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B6572
RGB	11, 101, 114
RGB Percent	4%, 40%, 45%
CMY	0.9569, 0.6039, 0.5529
CMYK	0.90, 0.11, 0.00, 0.55
HSL	188°, 82%, 25%
HSV	188°, 90%, 45%
XYZ	7.8290, 10.5934, 17.5517
YIQ	75.5720, -57.8130, -15.0370

# Conversions

## Conversions Part 2

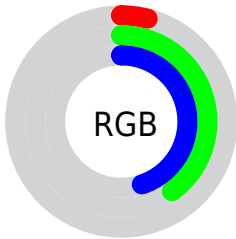
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 59, 114
Decimal	746866
CIELab	38.89, -19.03, -14.21
CIElCh	39, 23.754, 216.754
Yxy	10.5934, 0.2176, 0.2945
Android (android.graphics.Color)	4278936946 (0xFF0B6572)
YUV	75.5720, 18.9450, -56.6296
Hunter-Lab	32.5475, -14.0219, -9.1897

# Details

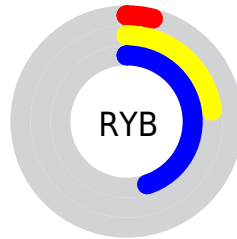
The Hex color **0B6572** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **72180B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4F98A6**, and **003642** is the 20% darker color. If you saturate the color by 10%, you get **006472**, and if you desaturate by 10%, it is **166672**.

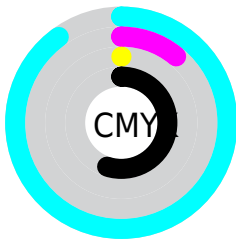
# Distribution



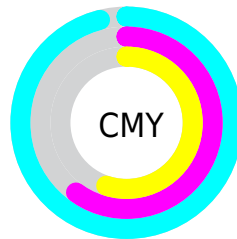
- Red (4%)
- Green (40%)
- Blue (45%)



- Red (4%)
- Yellow (23%)
- Blue (45%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)
- Black (55%)



- Cyan (96%)
- Magenta (60%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B6572 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 0B6572 by changing the saturation by 10% instead.



0B6572

0B6572

FFFFFF

004D59

4F98A6

003642

6AB3C1

00212C

86CFDD

000118

A2EBF9

000000

BEFFFF

DBFFFF

F9FFFF

0B6572

0B6572

■ 006472

■ 166672

■ 226872

■ 2D6972

■ 396B72

■ 446C72

■ 4F6E72

■ 5B6F72

■ 667172

■ 727272

# Harmonies

## Analogous

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



1D665F



0B6572



26627F

# Triad

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



0B6572



774F6B



645C35

# Complementary

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



0B6572



72180B

# 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.



755538



0B6572



814D58

# Square

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



0B6572



64557A



7F4F45



4F613C

# Rectangle

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



0B6572



3C5E82



7F4F45



6A5A35



# Sweetspot

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



0B6572



6C8F94



0B7217



32474A



C9C9C9



4A4A4A



# Same Dimension

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



0B6572



008194



0B3272



323738



006978



00D8F7



# Inverse Universe

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



720B65



940081



724B0B



383237



780069



F700D8



# Previews

## White Background



This preview shows how the Hex color 0B6572 looks on a white background.

## Color Contrast Check

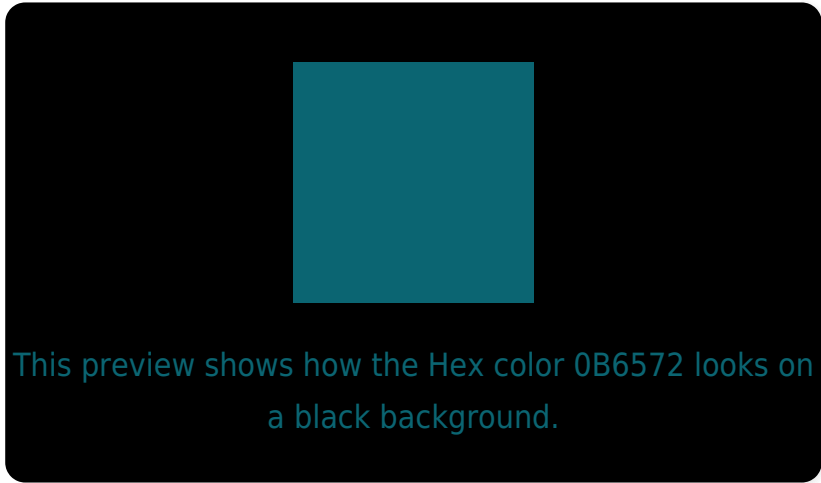
Large Text (above 18pt) WCAG AA ✓ Pass

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

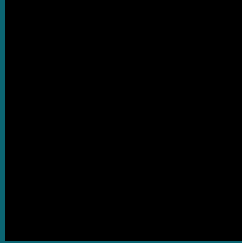
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0B6572 Background



This preview shows how black text looks on a background with the Hex color 0B6572.

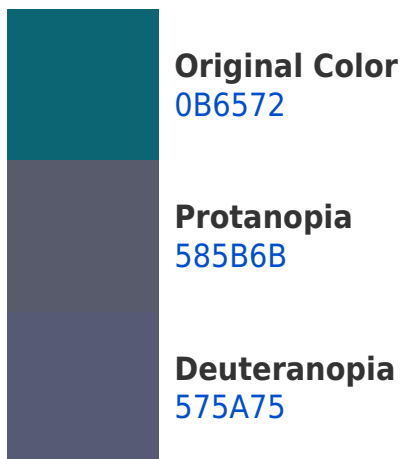


This preview shows how white text looks on a background with the Hex color 0B6572.

# 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](#).

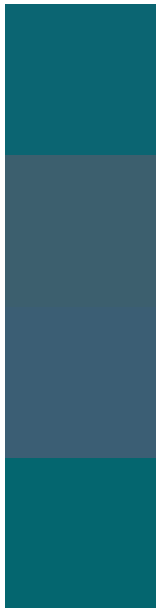
## Dichromacy





**Tritanopia**  
00666E

# Trichromacy



**Original Color**  
0B6572

**Protanomaly**  
3C5F6E

**Deuteranomaly**  
3B5E74

**Tritanomaly**  
04666F

# Monochromacy



**Original Color**  
0B6572

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
34555A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B6572 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 #0B6572 looks like.

```
.text, #text, p{  
    color:#0B6572  
}
```

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 #0B6572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B6572
}
```

## Border

The CSS property to change the border of an element to Hex 0B6572 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
#0B6572 }
```

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

```
.border{ border-color:#0B6572 }
```

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

Here you see how a box with a 4 pixel #0B6572 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B6572; -webkit-box-shadow:4px 4px  
4px 4px #0B6572; box-shadow:4px 4px 4px  
4px #0B6572 }
```

# Background

The CSS property to change the background color of an element to Hex 0B6572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B6572 }
```

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

```
.background{ background-color:#0B6572 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor