

# Converting Colors

Hex(0B5C72)

Have a look what the booklet for  
Hex(0B5C72) contains.

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# Color

**Hex(0B5C72)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B5C72
RGB	11, 92, 114
RGB Percent	4%, 36%, 45%
CMY	0.9569, 0.6392, 0.5529
CMYK	0.90, 0.19, 0.00, 0.55
HSL	193°, 82%, 25%
HSV	193°, 90%, 45%
XYZ	7.0024, 8.9403, 17.2762
YIQ	70.2890, -55.3380, -10.3300

# Conversions

## Conversions Part 2

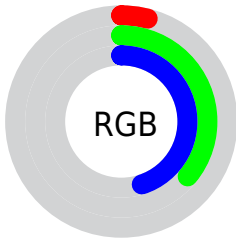
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 56, 114
Decimal	744562
CIELab	35.87, -13.97, -18.84
CIELCh	36, 23.456, 233.456
Yxy	8.9403, 0.2108, 0.2691
Android (android.graphics.Color)	4278934642 (0xFF0B5C72)
YUV	70.2890, 21.5495, -51.9965
Hunter-Lab	29.9004, -10.5225, -13.3269

# Details

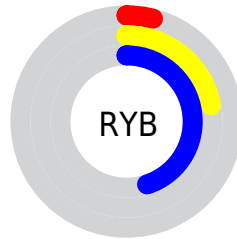
The Hex color **0B5C72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72210B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4D8EA6**, and **002E42** is the 20% darker color. If you saturate the color by 10%, you get **005A72**, and if you desaturate by 10%, it is **165E72**.

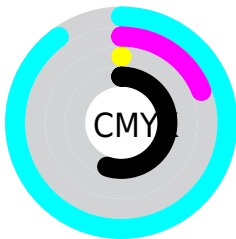
# Distribution



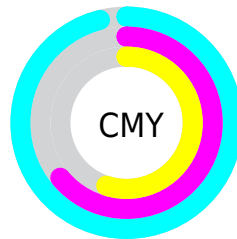
- Red (4%)
- Green (36%)
- Blue (45%)



- Red (4%)
- Yellow (22%)
- Blue (45%)



- Cyan (90%)
- Magenta (19%)
- Yellow (0%)
- Black (55%)



- Cyan (96%)
- Magenta (64%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B5C72 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 0B5C72 by changing the saturation by 10% instead.



0B5C72

0B5C72

FFFFFF

004459

4D8EA6

002E42

69A9C1

001A2C

84C4DD

000117

A0E0FA

000000

BDFDFF

D9FFFF

F7FFFF

0B5C72

0B5C72

■ 005A72

■ 165E72

■ 226172

■ 2D6372

■ 396672

■ 446872

■ 4F6B72

■ 5B6D72

■ 666F72

■ 727272

# Harmonies

## Analogous

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



025E63



0B5C72



315779

# Triad

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



0B5C72



764659



525831

# Complementary

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



0B5C72



72210B

# 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.



64522F



0B5C72



794746

# Square

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



0B5C72



684A6B



724B37



3C5C3D

# Rectangle

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



0B5C72



475379



724B37



58562F



# Sweetspot

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



0B5C72



6C8B94



0B7220



32454A



C9C9C9



4A4A4A



# Same Dimension

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



0B5C72



007494



0B2A72



323738



005E78



00C3F7



# Inverse Universe

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



720B5C



940074



72530B



383237



78005E



F700C3



# Previews

## White Background



This preview shows how the Hex color 0B5C72 looks on a white background.

## Color Contrast Check

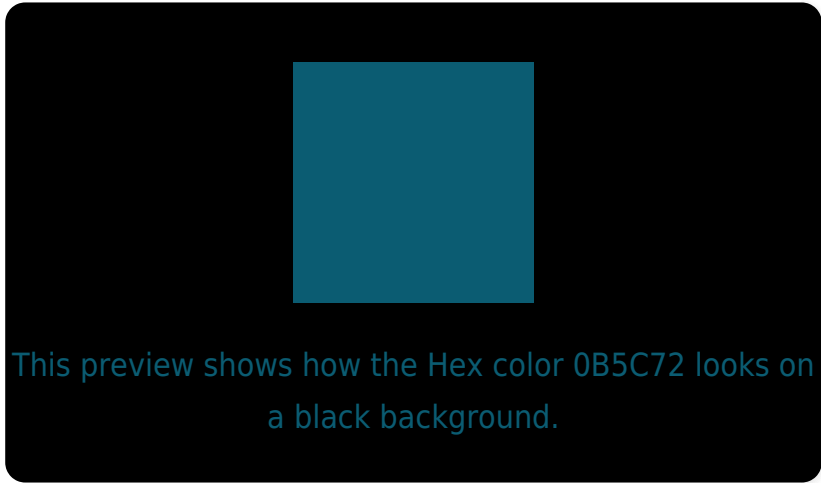
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

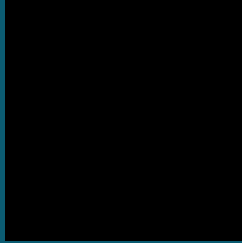
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

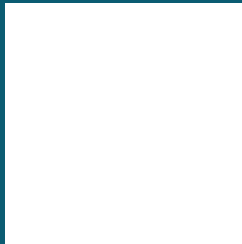
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0B5C72 Background



This preview shows how black text looks on a background with the Hex color 0B5C72.

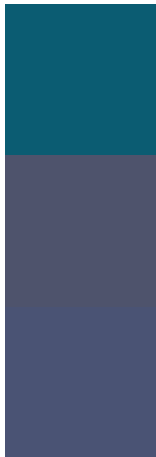


This preview shows how white text looks on a background with the Hex color 0B5C72.

# 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



**Original Color**  
0B5C72

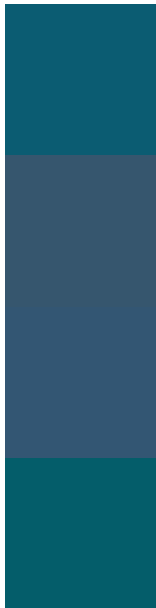
**Protanopia**  
4E36C0

**Deuteranopia**  
4A5374



**Tritanopia**  
005E65

# Trichromacy



**Original Color**  
0B5C72

**Protanomaly**  
36566E

**Deuteranomaly**  
335673

**Tritanomaly**  
045D6A

# Monochromacy



**Original Color**  
0B5C72

**Achromatopsia**  
464646

**Achromatomaly**  
314E56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B5C72 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 #0B5C72 looks like.

```
.text, #text, p{  
    color:#0B5C72  
}
```

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 #0B5C72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B5C72
}
```

## Border

The CSS property to change the border of an element to Hex 0B5C72 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
#0B5C72 }
```

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

```
.border{ border-color:#0B5C72 }
```

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

Here you see how a box with a 4 pixel #0B5C72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B5C72; -webkit-box-shadow:4px 4px  
4px 4px #0B5C72; box-shadow:4px 4px 4px  
4px #0B5C72 }
```

# Background

The CSS property to change the background color of an element to Hex 0B5C72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B5C72 }
```

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

```
.background{ background-color:#0B5C72 }
```

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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