

# Converting Colors

Hex(0C5B76)

Have a look what the booklet for  
Hex(0C5B76) contains.

<b>Hex(0C5B76)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# Color

**Hex(0C5B76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C5B76
RGB	12, 91, 118
RGB Percent	5%, 36%, 46%
CMY	0.9529, 0.6431, 0.5373
CMYK	0.90, 0.23, 0.00, 0.54
HSL	195°, 82%, 25%
HSV	195°, 90%, 46%
XYZ	7.1627, 8.8683, 18.4738
YIQ	70.4570, -55.7510, -8.3510

# Conversions

## Conversions Part 2

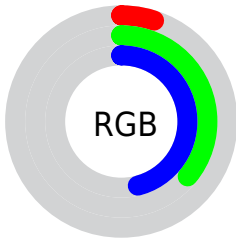
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 57, 118
Decimal	809846
CIE <sub>Lab</sub>	35.73, -11.78, -21.53
CIE <sub>LCh</sub>	36, 24.542, 241.322
Yxy	8.8683, 0.2076, 0.2570
Android (android.graphics.Color)	4278999926 (0xFF0C5B76)
YUV	70.4570, 23.4387, -51.2668
Hunter-Lab	29.7798, -9.1812, -15.9345

# Details

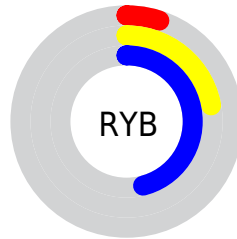
The Hex color **0C5B76** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **76270C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4E8DAA**, and **002D46** is the 20% darker color. If you saturate the color by 10%, you get **005876**, and if you desaturate by 10%, it is **185E76**.

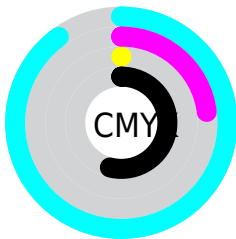
# Distribution



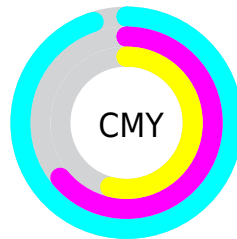
- Red (5%)
- Green (36%)
- Blue (46%)



- Red (5%)
- Yellow (22%)
- Blue (46%)



- Cyan (90%)
- Magenta (23%)
- Yellow (0%)
- Black (54%)



- Cyan (95%)
- Magenta (64%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C5B76 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 0C5B76 by changing the saturation by 10% instead.



 0C5B76

 0C5B76

FFFFFF

 00435D

 4E8DAA

 002D46

 6AA8C6

 00192F

 86C3E2

 00011A

 A2DFFE

 000000

 BEFBFF

 DBFFFF

 F8FFFF

 0C5B76

 0C5B76

■ 005876

■ 185E76

■ 246176

■ 2F6476

■ 3B6776

■ 476A76

■ 536D76

■ 5F7076

■ 6A7376

■ 767676

# Harmonies

## Analogous

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



005E68



0C5B76



38567B

# Triad

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



0C5B76



794454



4B5932

# Complementary

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



0C5B76



76270C

# 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.



60532C



0C5B76



794641

# Square

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



0C5B76



6D4867



704C32



335D41

# Rectangle

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



0C5B76



4E5179



704C32



53572F



# Sweetspot

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



0C5B76



708E99



0C7627



34464D



CCCCCC



4D4D4D



# Same Dimension

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



0C5B76



007299



0C2776



35393B



005B7A



00BAFA



# Inverse Universe

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



760C5B



990072



765B0C



3B3539



7A005B



FA00BA



# Previews

## White Background



This preview shows how the Hex color 0C5B76 looks on a white background.

## Color Contrast Check

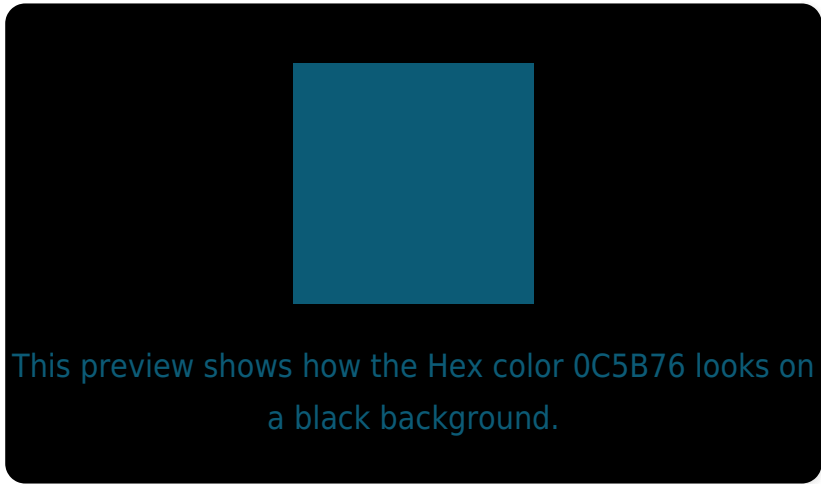
Large Text (above 18pt) WCAG AA ✓ Pass

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

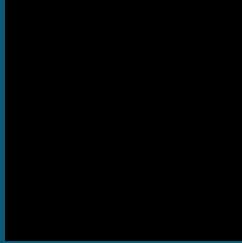
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C5B76 Background



This preview shows how black text looks on a background with the Hex color 0C5B76.

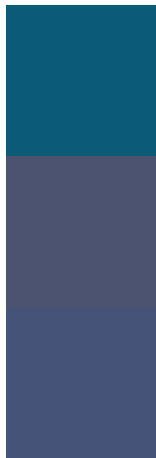


This preview shows how white text looks on a background with the Hex color 0C5B76.

# 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**  
0C5B76

**Protanopia**  
4C5370

**Deuteranopia**  
465378

# Trichromacy



**Original Color**  
0C5B76

**Protanomaly**  
355672

**Deuteranomaly**  
315677

# Monochromacy



**Original Color**  
0C5B76

**Achromatopsia**  
464646

**Achromatomaly**  
314E57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C5B76 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 #0C5B76 looks like.

```
.text, #text, p{  
    color:#0C5B76  
}
```

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 #0C5B76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5B76
}
```

## Border

The CSS property to change the border of an element to Hex 0C5B76 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
#0C5B76 }
```

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

```
.border{ border-color:#0C5B76 }
```

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

Here you see how a box with a 4 pixel #0C5B76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5B76; -webkit-box-shadow:4px 4px  
4px 4px #0C5B76; box-shadow:4px 4px 4px  
4px #0C5B76 }
```

# Background

The CSS property to change the background color of an element to Hex 0C5B76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5B76 }
```

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

```
.background{ background-color:#0C5B76 }
```

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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