

# Converting Colors

Hex(0C6575)

Have a look what the booklet for  
Hex(0C6575) contains.

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# Color

**Hex(0C6575)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C6575
RGB	12, 101, 117
RGB Percent	5%, 40%, 46%
CMY	0.9529, 0.6039, 0.5412
CMYK	0.90, 0.14, 0.00, 0.54
HSL	189°, 81%, 25%
HSV	189°, 90%, 46%
XYZ	8.0162, 10.6699, 18.4666
YIQ	76.2130, -58.1800, -13.8920

# Conversions

## Conversions Part 2

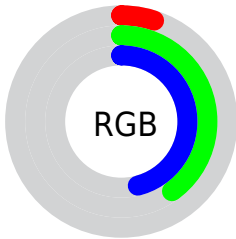
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 60, 117
Decimal	812405
CIELab	39.02, -17.88, -15.85
CIElCh	39, 23.891, 221.550
Yxy	10.6699, 0.2158, 0.2872
Android (android.graphics.Color)	4279002485 (0xFF0C6575)
YUV	76.2130, 20.1080, -56.3148
Hunter-Lab	32.6648, -13.3581, -10.6535

# Details

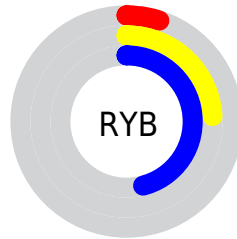
The Hex color **0C6575** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **751C0C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4F98A9**, and **003645** is the 20% darker color. If you saturate the color by 10%, you get **006375**, and if you desaturate by 10%, it is **186775**.

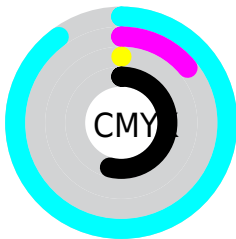
# Distribution



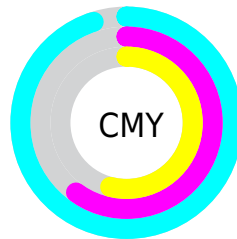
- Red (5%)
- Green (40%)
- Blue (46%)



- Red (5%)
- Yellow (24%)
- Blue (46%)



- Cyan (90%)
- Magenta (14%)
- Yellow (0%)
- Black (54%)



- Cyan (95%)
- Magenta (60%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C6575 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 0C6575 by changing the saturation by 10% instead.



0C6575

0C6575

FFFFFF

004D5C

4F98A9

003645

6BB3C4

00212E

87CFE0

00011A

A3EBFD

000000

C0FFFF

DDFFFF

FAFFFF

0C6575

0C6575

■ 006375

■ 186775

■ 236975

■ 2F6A75

■ 3B6C75

■ 466E75

■ 527075

■ 5E7175

■ 6A7375

■ 757575

# Harmonies

## Analogous

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



196663



0C6575



2B6180

# Triad

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



0C6575



7A4E69



615D35

# Complementary

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



0C6575



751C0C

# 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.



735737



0C6575



824D55

# Square

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



0C6575



685479



7F5043



4C623E

# Rectangle

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



0C6575



425D82



7F5043



685B35



# Sweetspot

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



0C6575



709399



0C751C



34494D



CCCCCC



4D4D4D



# Same Dimension

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



0C6575



008299



0C3175



353A3B



00687A



00D4FA



# Inverse Universe

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



750C65



990082



75500C



3B353A



7A0068



FA00D4



# Previews

## White Background



This preview shows how the Hex color 0C6575 looks on a white background.

## Color Contrast Check

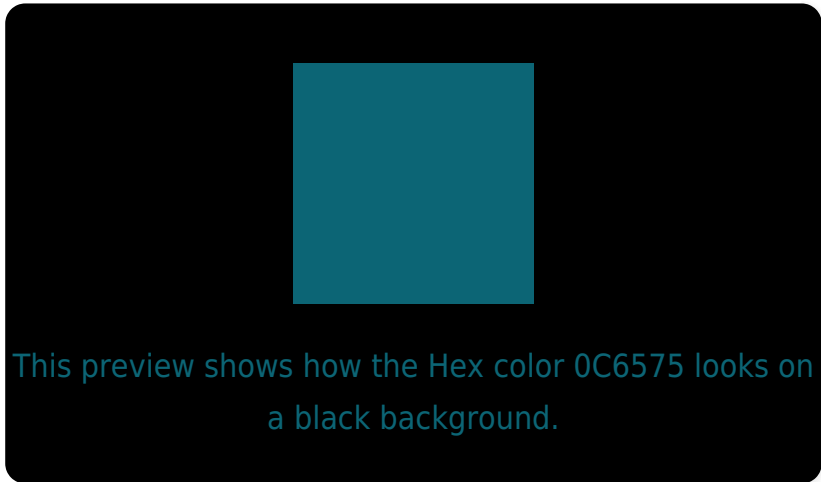
Large Text (above 18pt) WCAG AA ✓ Pass

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

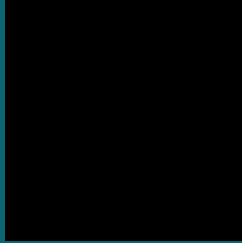
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C6575 Background



This preview shows how black text looks on a background with the Hex color 0C6575.

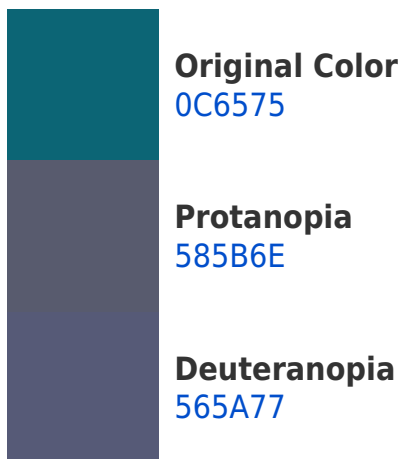


This preview shows how white text looks on a background with the Hex color 0C6575.

# 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



# Trichromacy

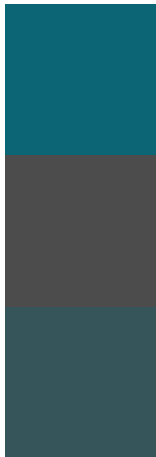


**Original Color**  
0C6575

**Protanomaly**  
3C5F71

**Deuteranomaly**  
3B5E76

# Monochromacy



**Original Color**  
0C6575

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
35555B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C6575 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 #0C6575 looks like.

```
.text, #text, p{  
    color:#0C6575  
}
```

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 #0C6575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6575
}
```

## Border

The CSS property to change the border of an element to Hex 0C6575 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
#0C6575 }
```

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

```
.border{ border-color:#0C6575 }
```

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

Here you see how a box with a 4 pixel #0C6575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6575; -webkit-box-shadow:4px 4px  
4px 4px #0C6575; box-shadow:4px 4px 4px  
4px #0C6575 }
```

# Background

The CSS property to change the background color of an element to Hex 0C6575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6575 }
```

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

```
.background{ background-color:#0C6575 }
```

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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