

# Converting Colors

Hex(096E79)

Have a look what the booklet for  
Hex(096E79) contains.

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# Color

**Hex(096E79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	096E79
RGB	9, 110, 121
RGB Percent	4%, 43%, 47%
CMY	0.9647, 0.5686, 0.5255
CMYK	0.93, 0.09, 0.00, 0.53
HSL	186°, 86%, 25%
HSV	186°, 93%, 47%
XYZ	9.1398, 12.5904, 20.0376
YIQ	81.0550, -63.7270, -17.9910

# Conversions

## Conversions Part 2

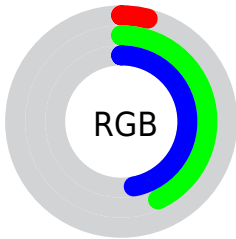
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 62, 121
Decimal	618105
CIELab	42.14, -21.53, -13.52
CIElCh	42, 25.424, 212.126
Yxy	12.5904, 0.2188, 0.3014
Android (android.graphics.Color)	4278808185 (0xFF096E79)
YUV	81.0550, 19.6929, -63.1922
Hunter-Lab	35.4830, -16.1168, -8.6437

# Details

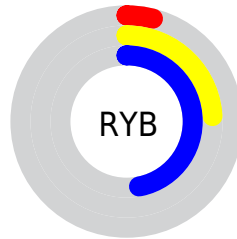
The Hex color **096E79** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **791409**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **51A2AD**, and **003E48** is the 20% darker color. If you saturate the color by 10%, you get **006D79**, and if you desaturate by 10%, it is **156F79**.

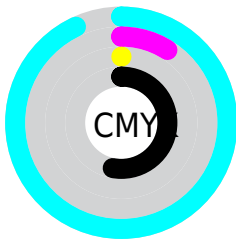
# Distribution



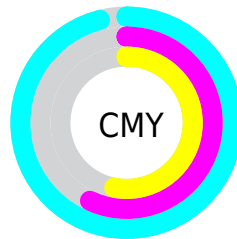
- Red (4%)
- Green (43%)
- Blue (47%)



- Red (4%)
- Yellow (24%)
- Blue (47%)



- Cyan (93%)
- Magenta (9%)
- Yellow (0%)
- Black (53%)



- Cyan (96%)
- Magenta (57%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 096E79 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 096E79 by changing the saturation by 10% instead.



096E79

096E79

FFFFFF

005560

51A2AD

003E48

6DBDC9

002832

89D9E5

000F1D

A5F6FF

000000

C2FFFF

DFFFFFF

FDFFFF

096E79

096E79

■ 006D79

■ 156F79

■ 217079

■ 2D7279

■ 397379

■ 457479

■ 527579

■ 5E7679

■ 6A7879

■ 767979

# Harmonies

## Analogous

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



246F64



096E79



226B88

# Triad

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



096E79



7F5677



706339

# Complementary

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



096E79



791409

# 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.



815B3F



096E79



8B5363

# Square

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



096E79



685D87



8B554E



5A693F

# Rectangle

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



096E79



3B678D



8B554E



76603A



# Sweetspot

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



096E79



729A9E



097912



344C4F



CFCFCF



4F4F4F



# Same Dimension

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



096E79



008F9E



093879



373D3D



00717D



00E4FC



# Inverse Universe

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



79096E



9E008F



794A09



3D373D



7D0071



FC00E4



# Previews

## White Background



This preview shows how the Hex color 096E79 looks on a white background.

## Color Contrast Check

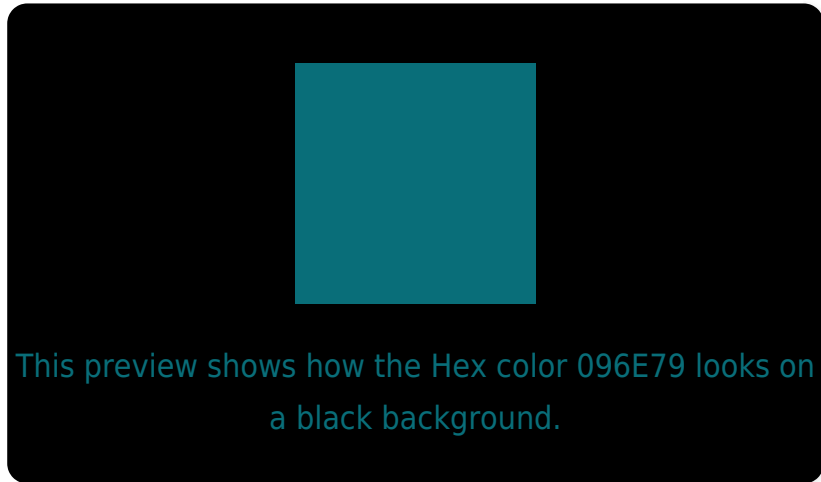
Large Text (above 18pt) WCAG AA ✓ Pass

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

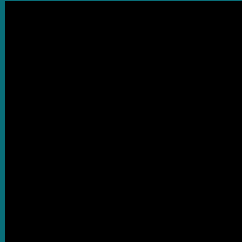
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 096E79 Background



This preview shows how black text looks on a background with the Hex color 096E79.

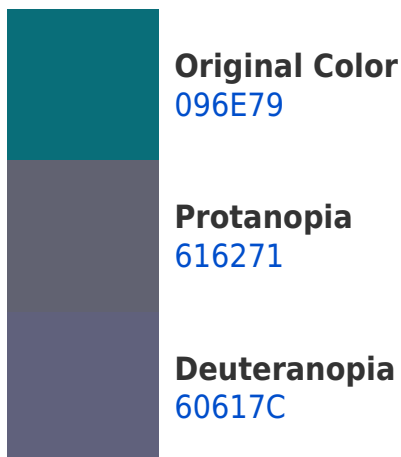


This preview shows how white text looks on a background with the Hex color 096E79.

# 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](#).

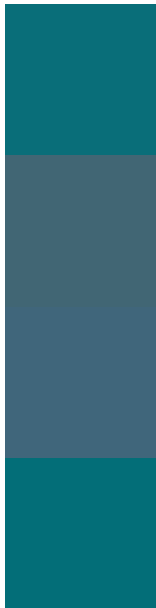
## Dichromacy





**Tritanopia**  
006E77

# Trichromacy



**Original Color**  
096E79

**Protanomaly**  
416674

**Deuteranomaly**  
40667B

**Tritanomaly**  
036E78

# Monochromacy



**Original Color**  
096E79

**Achromatopsia**  
515151

**Achromatomaly**  
375C60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 096E79 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 #096E79 looks like.

```
.text, #text, p{  
    color:#096E79  
}
```

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 #096E79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #096E79
}
```

## Border

The CSS property to change the border of an element to Hex 096E79 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
#096E79 }
```

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

```
.border{ border-color:#096E79 }
```

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

Here you see how a box with a 4 pixel #096E79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #096E79; -webkit-box-shadow:4px 4px  
4px 4px #096E79; box-shadow:4px 4px 4px  
4px #096E79 }
```

# Background

The CSS property to change the background color of an element to Hex 096E79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#096E79 }
```

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

```
.background{ background-color:#096E79 }
```

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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