

# Converting Colors

Hex(09596E)

Have a look what the booklet for  
Hex(09596E) contains.

<b>Hex(09596E)</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(09596E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09596E
RGB	9, 89, 110
RGB Percent	4%, 35%, 43%
CMY	0.9647, 0.6510, 0.5686
CMYK	0.92, 0.19, 0.00, 0.57
HSL	192°, 85%, 23%
HSV	192°, 92%, 43%
XYZ	6.4995, 8.3286, 16.0169
YIQ	67.4740, -54.4210, -10.4290

# Conversions

## Conversions Part 2

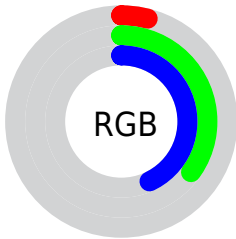
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 54, 110
Decimal	612718
CIELab	34.66, -13.89, -18.24
CIELCh	35, 22.923, 232.704
Yxy	8.3286, 0.2107, 0.2700
Android (android.graphics.Color)	4278802798 (0xFF09596E)
YUV	67.4740, 20.9653, -51.2817
Hunter-Lab	28.8594, -10.3033, -12.7043

# Details

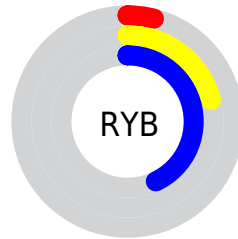
The Hex color **09596E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E1E09**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4B8BA2**, and **002B3E** is the 20% darker color. If you saturate the color by 10%, you get **00576E**, and if you desaturate by 10%, it is **145B6E**.

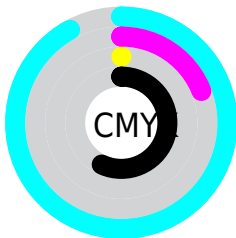
# Distribution



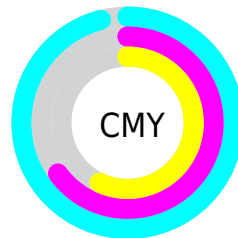
- Red (4%)
- Green (35%)
- Blue (43%)



- Red (4%)
- Yellow (21%)
- Blue (43%)



- Cyan (92%)
- Magenta (19%)
- Yellow (0%)
- Black (57%)



- Cyan (96%)
- Magenta (65%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09596E 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 09596E by changing the saturation by 10% instead.



09596E

09596E

FFFFFF

004256

4B8BA2

002B3E

67A5BD

001828

82C1D8

000113

9EDDF5

000000

BAF9FF

D7FFFF

F4FFFF

09596E

09596E

■ 00576E

■ 145B6E

■ 1F5E6E

■ 2A606E

■ 35626E

■ 40646E

■ 4B676E

■ 56696E

■ 616B6E

■ 6C6E6E

# Harmonies

## Analogous

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



025B5F



09596E



2E5575

# Triad

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



09596E



724457



4F552F

# Complementary

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



09596E



6E1E09

# 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.



614F2D



09596E



754444

# Square

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



09596E



644868



6F4935



3A593B

# Rectangle

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



09596E



445175



6F4935



56532D



# Sweetspot

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



09596E



67868F



096E1D



2F4247



C7C7C7



474747



# Same Dimension

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



09596E



00718F



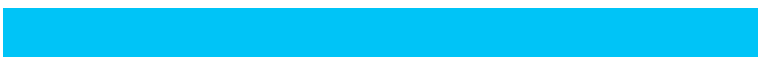
09276E



323738



005F78



00C4F7



# Inverse Universe

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



6E0959



8F0071



6E5009



383237



78005F



F700C4



# Previews

## White Background



This preview shows how the Hex color 09596E looks on a white background.

## Color Contrast Check

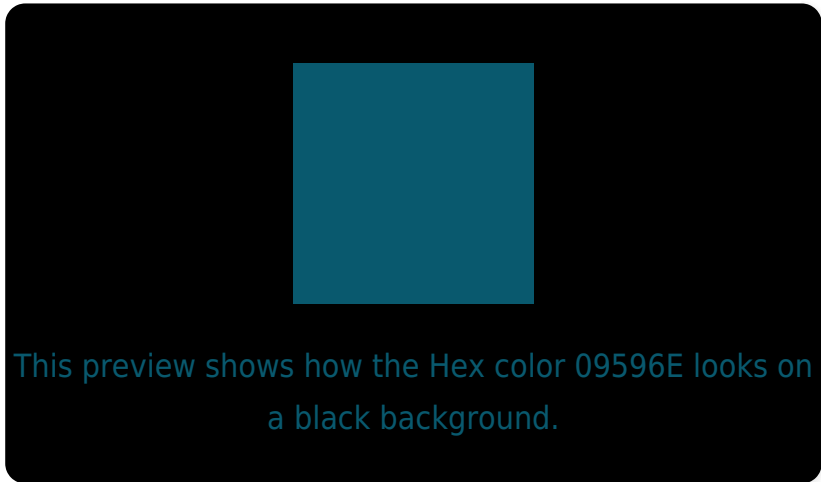
Large Text (above 18pt) WCAG AA ✓ Pass

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

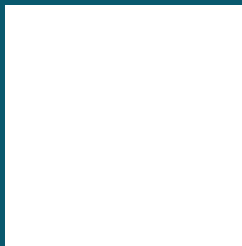
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 09596E Background



This preview shows how black text looks on a background with the Hex color 09596E.

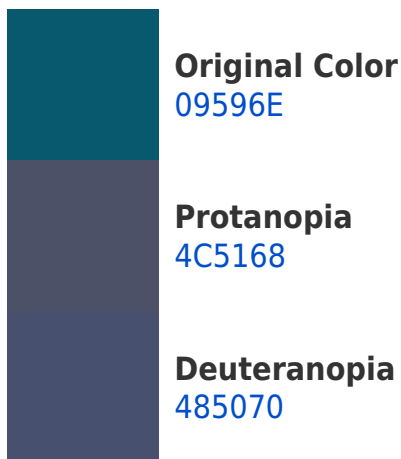


This preview shows how white text looks on a background with the Hex color 09596E.

# 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](#).

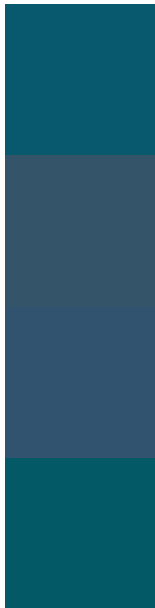
## Dichromacy





**Tritanopia**  
005B62

# Trichromacy



**Original Color**  
09596E

**Protanomaly**  
34546A

**Deuteranomaly**  
31536F

**Tritanomaly**  
035A66

# Monochromacy



**Original Color**  
09596E

**Achromatopsia**  
434343

**Achromatomaly**  
2E4B53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09596E 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 #09596E looks like.

```
.text, #text, p{  
    color:#09596E  
}
```

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 #09596E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09596E
}
```

## Border

The CSS property to change the border of an element to Hex 09596E is called "border". The border property can be set on classes, ids or directly on the HTML element.

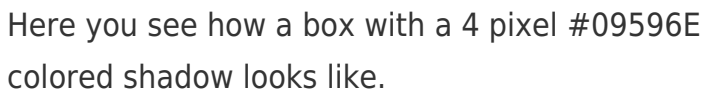
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#09596E }
```

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

```
.border{ border-color:#09596E }
```

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



Here you see how a box with a 4 pixel #09596E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09596E; -webkit-box-shadow:4px 4px  
4px 4px #09596E; box-shadow:4px 4px 4px  
4px #09596E }
```

# Background

The CSS property to change the background color of an element to Hex 09596E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09596E }
```

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

```
.background{ background-color:#09596E }
```

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