

# Converting Colors

Hex(05929E)

Have a look what the booklet for  
Hex(05929E) contains.

<b>Hex(05929E)</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(05929E)

# Conversions

## Conversions Part 1

Format	Color
Hex	05929E
RGB	5, 146, 158
RGB Percent	2%, 57%, 62%
CMY	0.9804, 0.4275, 0.3804
CMYK	0.97, 0.08, 0.00, 0.38
HSL	185°, 94%, 32%
HSV	185°, 97%, 62%
XYZ	16.5130, 23.0587, 35.9282
YIQ	105.2090, -87.8880, -26.1600

# Conversions

## Conversions Part 2

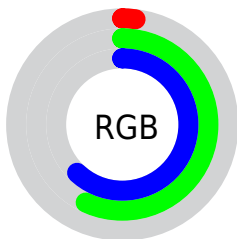
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 78, 158
Decimal	365214
CIELab	55.13, -27.61, -15.56
CIELCh	55, 31.693, 209.407
Yxy	23.0587, 0.2187, 0.3054
Android (android.graphics.Color)	4278555294 (0xFF05929E)
YUV	105.2090, 26.0260, -87.8833
Hunter-Lab	48.0194, -22.6510, -10.7472

# Details

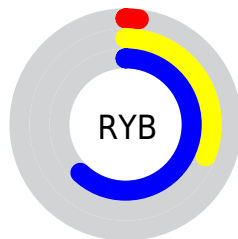
The Hex color **05929E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E1105**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5BC8D5**, and **005F6B** is the 20% darker color. If you saturate the color by 10%, you get **00929E**, and if you desaturate by 10%, it is **15939E**.

# Distribution



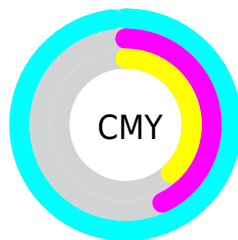
- Red (2%)
- Green (57%)
- Blue (62%)



- Red (2%)
- Yellow (31%)
- Blue (62%)



- Cyan (97%)
- Magenta (8%)
- Yellow (0%)
- Black (38%)



- Cyan (98%)
- Magenta (43%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05929E 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 05929E by changing the saturation by 10% instead.



05929E

05929E

FFFFFF

007884

5BC8D5

005F6B

7AE5F1

004752

97FFFF

00303B

B5FFFF

001C26

D3FFFF

000110

F1FFFF

000000

05929E

05929E

00929E

15939E

■ 25949E

■ 34969E

■ 44979E

■ 54989E

■ 64999E

■ 749B9E

■ 839C9E

■ 939D9E

# Harmonies

## Analogous

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



339382



05929E



288EB3

# Triad

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



05929E



A674A0



96824D

# Complementary

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



05929E



9E1105

# 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.



AC7956



05929E



B76F86

# Square

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



05929E



867DB4



B8716A



7A8A53

# Rectangle

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



05929E



4A8AB9



B8716A



9F7F4E



# Sweetspot

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



05929E



93CACF



059E0F



446669



E8E8E8



696969



# Same Dimension

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



05929E



00BECF



05479E



474E4F



00848F



000E0F



# Inverse Universe

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



9E0592



CF00BE



9E5C05



4F474E



8F0084



0F000E



# Previews

## White Background



This preview shows how the Hex color 05929E looks on a white background.

## Color Contrast Check

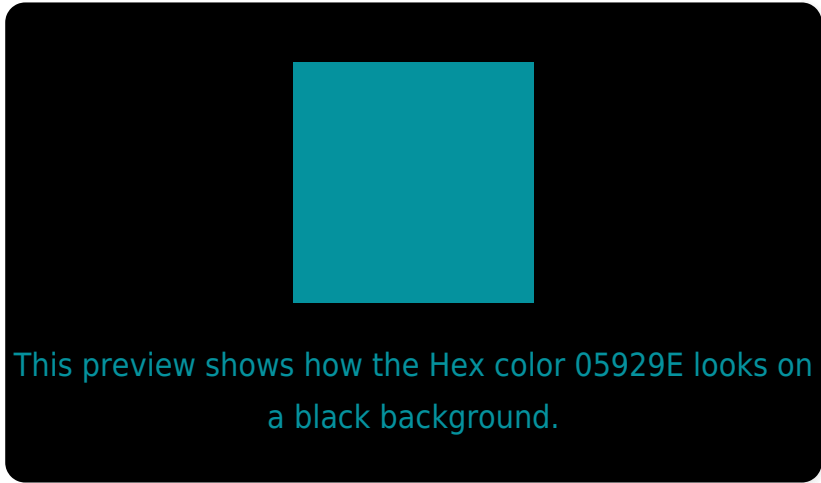
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

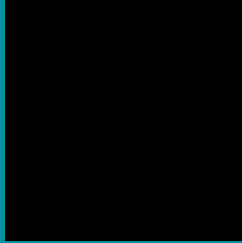
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 05929E Background



This preview shows how black text looks on a background with the Hex color 05929E.

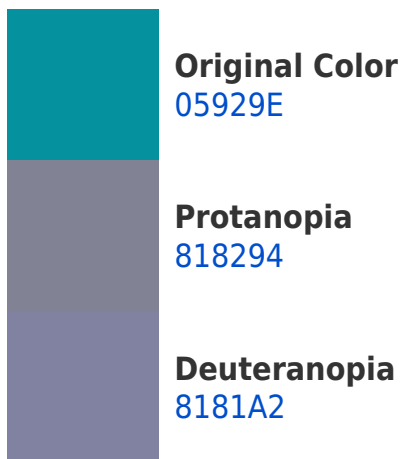


This preview shows how white text looks on a background with the Hex color 05929E.

# 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](#).

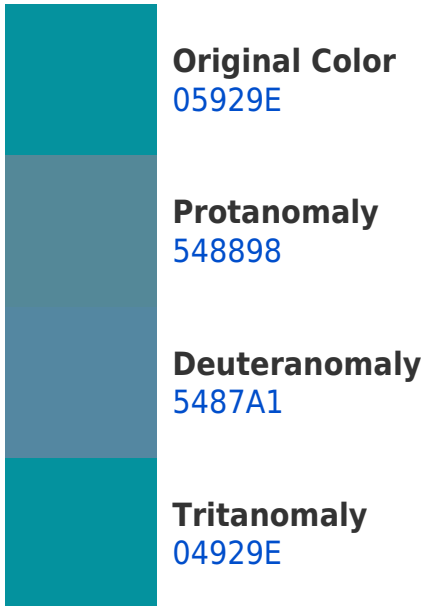
## Dichromacy



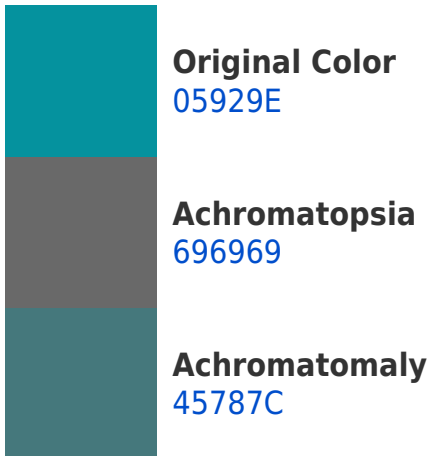


**Tritanopia**  
04929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05929E 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 #05929E looks like.

```
.text, #text, p{  
    color:#05929E  
}
```

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 #05929E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05929E
}
```

## Border

The CSS property to change the border of an element to Hex 05929E 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
#05929E }
```

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

```
.border{ border-color:#05929E }
```

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

Here you see how a box with a 4 pixel #05929E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05929E; -webkit-box-shadow:4px 4px  
4px 4px #05929E; box-shadow:4px 4px 4px  
4px #05929E }
```

# Background

The CSS property to change the background color of an element to Hex 05929E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05929E }
```

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

```
.background{ background-color:#05929E }
```

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