

# Converting Colors

Hex(00659E)

Have a look what the booklet for  
Hex(00659E) contains.

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# Color

**Hex(00659E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00659E
RGB	0, 101, 158
RGB Percent	0%, 40%, 62%
CMY	1.0000, 0.6039, 0.3804
CMYK	1.00, 0.36, 0.00, 0.38
HSL	202°, 100%, 31%
HSV	202°, 100%, 62%
XYZ	10.8252, 11.7760, 34.0502
YIQ	77.2990, -78.4930, -3.6850

# Conversions

## Conversions Part 2

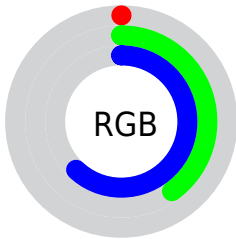
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 62, 158
Decimal	26014
CIE Lab	40.86, -2.71, -37.72
CIE LCh	41, 37.820, 265.888
Yxy	11.7760, 0.1911, 0.2079
Android (android.graphics.Color)	4278216094 (0xFF00659E)
YUV	77.2990, 39.7856, -67.7912
Hunter-Lab	34.3162, -3.7444, -34.8092

# Details

The Hex color **00659E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9E3900**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5698D5**, and **00376A** is the 20% darker color. If you saturate the color by 10%, you get **00659E**, and if you desaturate by 10%, it is **106B9E**.

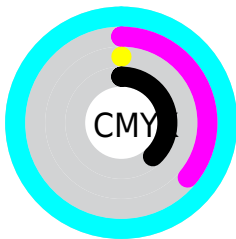
# Distribution



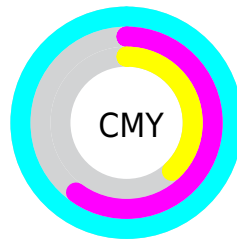
- Red (0%)
- Green (40%)
- Blue (62%)



- Red (0%)
- Yellow (24%)
- Blue (62%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (60%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00659E 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 00659E by changing the saturation by 10% instead.



00659E

00659E

FFFFFF

004D84

5698D5

00376A

73B2F2

002252

91CEFF

000B3A

AEEAFF

000224

CBFFFF

00000B

E9FFFF

000000

00659E

106B9E

■ 20709E

■ 2F769E

■ 3F7C9E

■ 4F819E

■ 5F879E

■ 6F8D9E

■ 7E939E

■ 8E989E

# Harmonies

## Analogous

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



006C93



00659E



5B5A98

# Triad

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



00659E



994747



2F6D3C

# Complementary

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



00659E



9E3900

# 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.



576725



00659E



8C522D

# Square

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



00659E



964566



755D1F



006F5B

# Rectangle

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



00659E



77518C



755D1F



3F6B33



# Sweetspot

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



00659E



91B8CF



009E37



435B69



E8E8E8



696969



# Same Dimension

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



00659E



0084CF



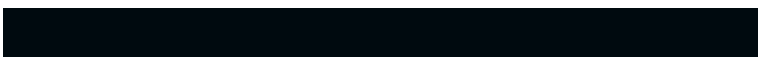
00189E



474C4F



005B8F



000A0F



# Inverse Universe

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



9E0065



CF0084



9E8600



4F474C



8F005B



0F000A



# Previews

## White Background



This preview shows how the Hex color 00659E looks on a white background.

## Color Contrast Check

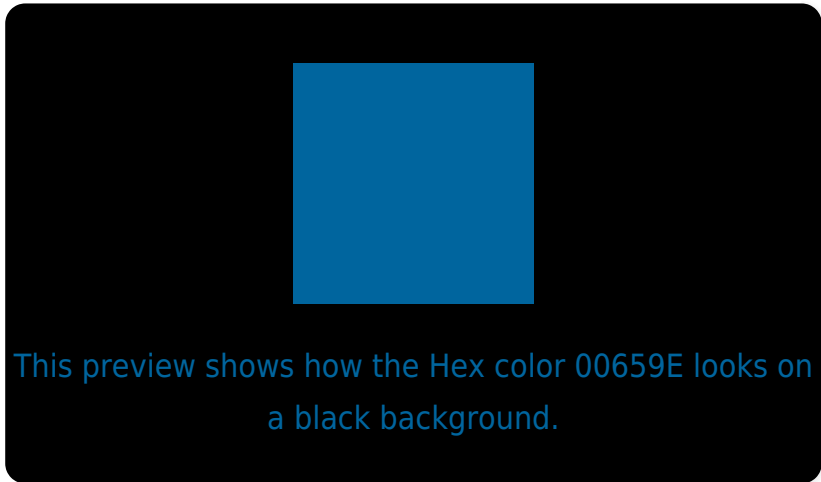
Large Text (above 18pt) WCAG AA ✓ Pass

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

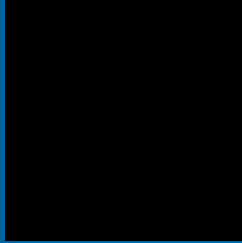
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00659E Background



This preview shows how black text looks on a background with the Hex color 00659E.



This preview shows how white text looks on a background with the Hex color 00659E.

# 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**  
006B73

# Trichromacy



**Original Color**  
00659E

**Protanomaly**  
30619A

**Deuteranomaly**  
24629F

**Tritanomaly**  
006983

# Monochromacy



**Original Color**  
00659E

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
31566A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00659E 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 #00659E looks like.

```
.text, #text, p{  
    color:#00659E  
}
```

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 #00659E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00659E
}
```

## Border

The CSS property to change the border of an element to Hex 00659E 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
#00659E }
```

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

```
.border{ border-color:#00659E }
```

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

Here you see how a box with a 4 pixel #00659E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00659E; -webkit-box-shadow:4px 4px  
4px 4px #00659E; box-shadow:4px 4px 4px  
4px #00659E }
```

# Background

The CSS property to change the background color of an element to Hex 00659E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00659E }
```

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

```
.background{ background-color:#00659E }
```

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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