

Converting Colors

Hex(00759F)

Have a look what the booklet for
Hex(00759F) contains.

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Color

Hex(00759F)

Conversions

Conversions Part 1

Format	Color
Hex	00759F
RGB	0, 117, 159
RGB Percent	0%, 46%, 62%
CMY	1.0000, 0.5412, 0.3765
CMYK	1.00, 0.26, 0.00, 0.38
HSL	196°, 100%, 31%
HSV	196°, 100%, 62%
XYZ	12.6193, 15.2258, 35.0747
YIQ	86.8050, -83.2140, -11.7420

Conversions

Conversions Part 2

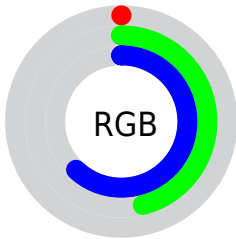
Format	Color
RYB	0, 67, 159
Decimal	30111
CIELab	45.94, -11.92, -30.30
CIELCh	46, 32.563, 248.536
Yxy	15.2258, 0.2006, 0.2420
Android (android.graphics.Color)	4278220191 (0xFF00759F)
YUV	86.8050, 35.5921, -76.1280
Hunter-Lab	39.0202, -10.5578, -25.9807

Details

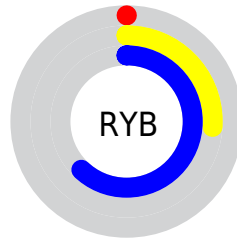
The Hex color **00759F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9F2A00**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **57A9D6**, and **00456B** is the 20% darker color. If you saturate the color by 10%, you get **00759F**, and if you desaturate by 10%, it is **10799F**.

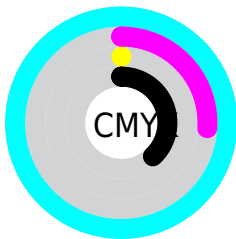
Distribution



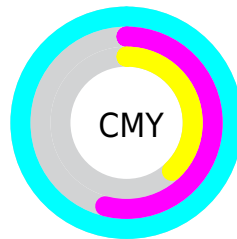
- Red (0%)
- Green (46%)
- Blue (62%)



- Red (0%)
- Yellow (26%)
- Blue (62%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (54%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00759F 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 00759F by changing the saturation by 10% instead.

 00759F

 00759F


FFFFFF

 005C85

 57A9D6

 00456B

 75C4F2

 002F53

 92E0FF

 001B3B

 AFFDFF

 000226

 CDFFFF

 00010E

 EBFFFF

 000000

 00759F

 10799F

 207D9F

 30829F

 40869F

 508A9F

 5F8E9F

 6F929F

 7F979F

 8F9B9F

Harmonies

Analogous

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



007A8E



00759F



4F6DA3

Triad

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



00759F



A05766



597541

Complementary

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



00759F



9F2A00

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.



766E36



00759F



9D5B4C

Square

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



00759F



955A81



8E643A



347958

Rectangle

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



00759F



6D669D



8E643A



63733B

Sweetspot

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



00759F



91BECF



009F28



435F69



E8E8E8



696969

Same Dimension

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



00759F



0098CF



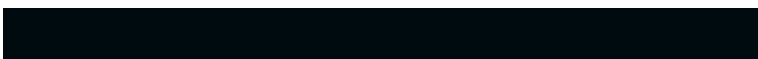
00289F



474D4F



00698F



000B0F

Inverse Universe

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



9F0075



CF0098



9F7700



4F474D



8F0069



0F000B

Previews

White Background



This preview shows how the Hex color 00759F looks on a white background.

Color Contrast Check

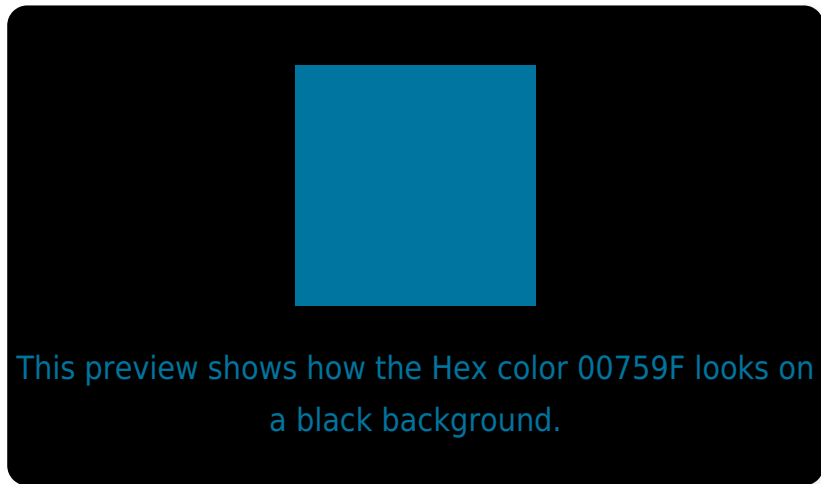
Large Text (above 18pt) WCAG AA ✓ Pass

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

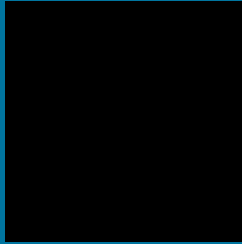
Any Text WCAG AA × Fail

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 00759F Background



This preview shows how black text looks on a background with the Hex color 00759F.

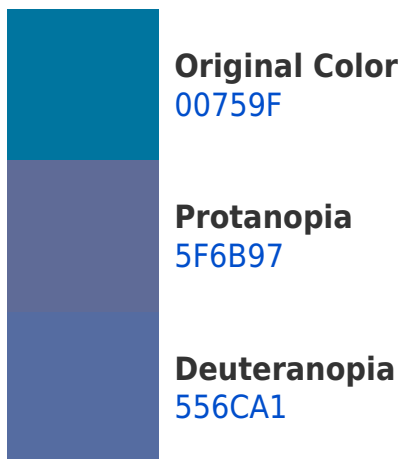


This preview shows how white text looks on a background with the Hex color 00759F.

Color Blindness Simulation

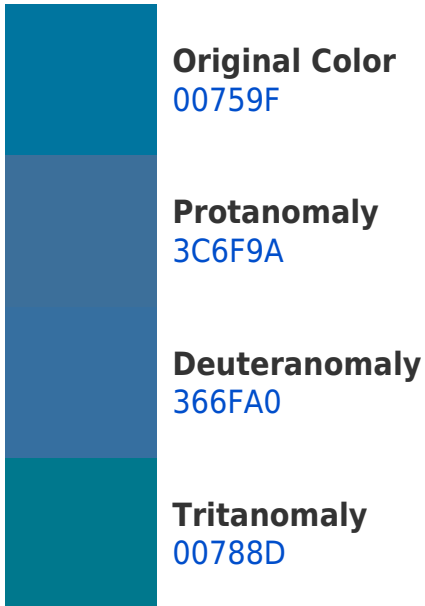
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00759F 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 #00759F looks like.

```
.text, #text, p{  
    color:#00759F  
}
```

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 #00759F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00759F
}
```

Border

The CSS property to change the border of an element to Hex 00759F 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
#00759F }
```

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

```
.border{ border-color:#00759F }
```

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

Here you see how a box with a 4 pixel #00759F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00759F; -webkit-box-shadow:4px 4px  
4px 4px #00759F; box-shadow:4px 4px 4px  
4px #00759F }
```

Background

The CSS property to change the background color of an element to Hex 00759F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00759F }
```

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

```
.background{ background-color:#00759F }
```

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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