

# Converting Colors

Hex(07889F)

Have a look what the booklet for  
Hex(07889F) contains.

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# Color

Hex(07889F)

# Conversions

## Conversions Part 1

Format	Color
Hex	07889F
RGB	7, 136, 159
RGB Percent	3%, 53%, 62%
CMY	0.9725, 0.4667, 0.3765
CMYK	0.96, 0.14, 0.00, 0.38
HSL	189°, 92%, 33%
HSV	189°, 96%, 62%
XYZ	15.1498, 20.1567, 35.8930
YIQ	100.0510, -84.2670, -20.1950

# Conversions

## Conversions Part 2

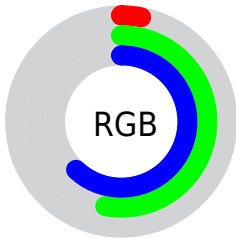
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 77, 159
Decimal	493727
CIELab	52.01, -22.07, -20.89
CIELCh	52, 30.388, 223.438
Yxy	20.1567, 0.2128, 0.2831
Android (android.graphics.Color)	4278683807 (0xFF07889F)
YUV	100.0510, 29.0619, -81.6057
Hunter-Lab	44.8962, -18.3353, -15.9731

# Details

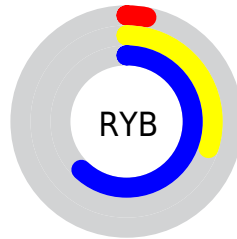
The Hex color **07889F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F1E07**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5ABED6**, and **00566C** is the 20% darker color. If you saturate the color by 10%, you get **00879F**, and if you desaturate by 10%, it is **178A9F**.

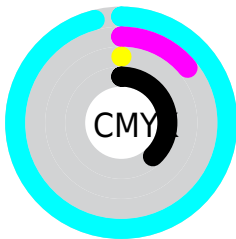
# Distribution



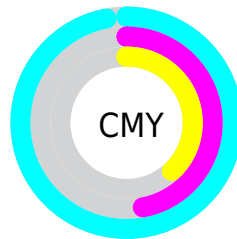
- Red (3%)
- Green (53%)
- Blue (62%)



- Red (3%)
- Yellow (30%)
- Blue (62%)



- Cyan (96%)
- Magenta (14%)
- Yellow (0%)
- Black (38%)



- Cyan (97%)
- Magenta (47%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07889F 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 07889F by changing the saturation by 10% instead.



 07889F

 07889F

FFFFFF

 006E85

 5ABED6

 00566C

 79D9F2

 003E53

 96F6FF

 00283C

 B4FFFF

 000F26

 D1FFFF

 000110

 EFFFFFFF

 000000

 07889F

 07889F

 00879F

 178A9F

■ 278D9F

■ 378F9F

■ 47929F

■ 57949F

■ 66969F

■ 76999F

■ 869B9F

■ 969E9F

# Harmonies

## Analogous

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



1B8A87



07889F



3C83AD

# Triad

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



07889F



A66A8C



827E49

# Complementary

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



07889F



9F1E07

# 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.



9A754A



07889F



AF6871

# Square

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



07889F



8E71A2



AA6D59



658555

# Rectangle

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



07889F



5B7EB0



AA6D59



8A7B47



# Sweetspot

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



07889F



93C5CF



079F1E



446369



E8E8E8



696969



# Same Dimension

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



07889F



00AFCF



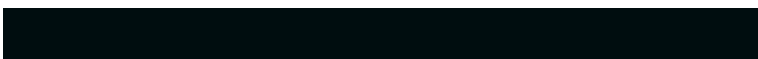
073C9F



474E4F



00798F



000D0F



# Inverse Universe

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



9F0788



CF00AF



9F6A07



4F474E



8F0079



0F000D



# Previews

## White Background



This preview shows how the Hex color 07889F looks on a white background.

## Color Contrast Check

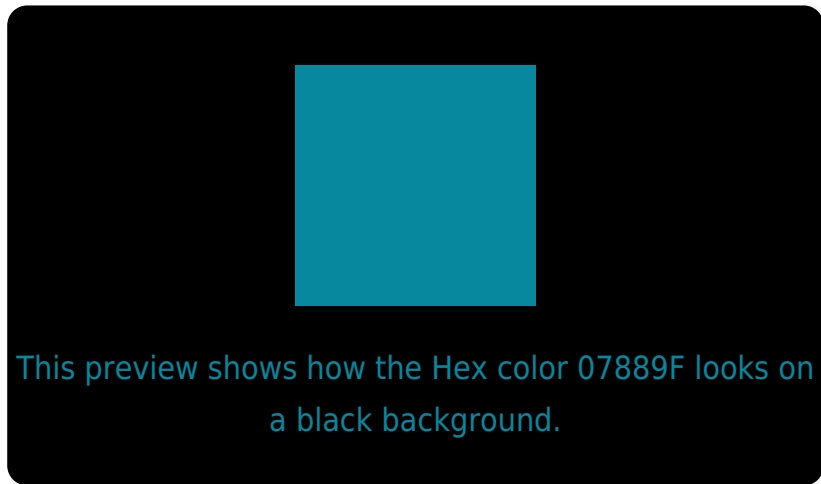
Large Text (above 18pt) WCAG AA ✓ Pass

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

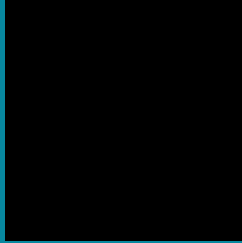
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 07889F Background



This preview shows how black text looks on a background with the Hex color 07889F.

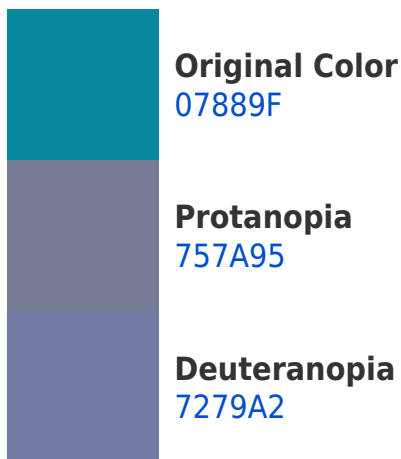


This preview shows how white text looks on a background with the Hex color 07889F.

# 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**  
008994

# Trichromacy



**Original Color**  
07889F



**Protanomaly**  
4D7F99



**Deuteranomaly**  
4B7EA1



**Tritanomaly**  
038998

# Monochromacy



**Original Color**  
07889F



**Achromatopsia**  
646464



**Achromatomaly**  
427179

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07889F 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 #07889F looks like.

```
.text, #text, p{  
    color:#07889F  
}
```

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 #07889F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07889F
}
```

## Border

The CSS property to change the border of an element to Hex 07889F 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
#07889F }
```

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

```
.border{ border-color:#07889F }
```

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

Here you see how a box with a 4 pixel #07889F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07889F; -webkit-box-shadow:4px 4px  
4px 4px #07889F; box-shadow:4px 4px 4px  
4px #07889F }
```

# Background

The CSS property to change the background color of an element to Hex 07889F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07889F }
```

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

```
.background{ background-color:#07889F }
```

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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