

# Converting Colors

Hex(07809A)

Have a look what the booklet for  
Hex(07809A) contains.

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# Color

**Hex(07809A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	07809A
RGB	7, 128, 154
RGB Percent	3%, 50%, 60%
CMY	0.9725, 0.4980, 0.3961
CMYK	0.95, 0.17, 0.00, 0.40
HSL	191°, 91%, 32%
HSV	191°, 95%, 60%
XYZ	13.6395, 17.8166, 33.2919
YIQ	94.7850, -80.4620, -17.5660

# Conversions

## Conversions Part 2

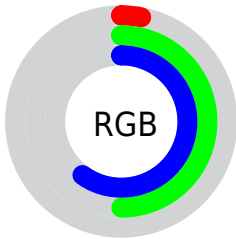
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 73, 154
Decimal	491674
CIELab	49.27, -19.58, -22.20
CIELCh	49, 29.597, 228.591
Yxy	17.8166, 0.2107, 0.2752
Android (android.graphics.Color)	4278681754 (0xFF07809A)
YUV	94.7850, 29.1930, -76.9874
Hunter-Lab	42.2097, -16.1870, -17.2168

# Details

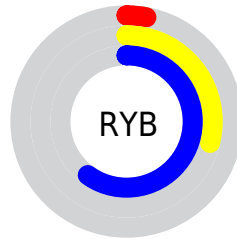
The Hex color **07809A** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9A2107**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **59B5D0**, and **004F67** is the 20% darker color. If you saturate the color by 10%, you get **007F9A**, and if you desaturate by 10%, it is **16839A**.

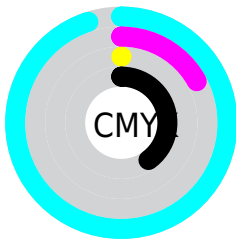
# Distribution



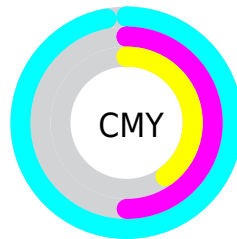
- Red (3%)
- Green (50%)
- Blue (60%)



- Red (3%)
- Yellow (29%)
- Blue (60%)



- Cyan (95%)
- Magenta (17%)
- Yellow (0%)
- Black (40%)



- Cyan (97%)
- Magenta (50%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07809A 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 07809A by changing the saturation by 10% instead.



 07809A

 07809A

FFFFFF

 006780

 59B5D0

 004F67

 76D1ED

 00374F

 94EDFF

 002238

 B1FFFF

 000223

 CEFFFF

 000009

 ECFFFF

 000000

 07809A

 07809A

 007F9A

 16839A

■ 26859A

■ 35889A

■ 458B9A

■ 548E9A

■ 63909A

■ 73939A

■ 82969A

■ 92999A

# Harmonies

## Analogous

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



0B8284



07809A



3E7AA6

# Triad

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



07809A



A06280



767845

# Complementary

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



07809A



9A2107

# 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.



8E7044



07809A



A66266

# Square

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



07809A



8B6997



9F6851



597F53

# Rectangle

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



07809A



5C75A6



9F6851



7E7643



# Sweetspot

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



07809A



8FBFC9



079A1F



426066



E6E6E6



666666



# Same Dimension

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



07809A



00A6C9



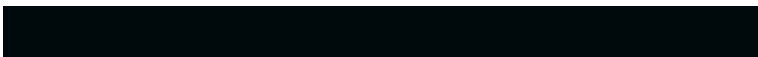
07389A



454B4D



00738C



000A0D



# Inverse Universe

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



9A0780



C900A6



9A6907



4D454B



8C0073



0D000A



# Previews

## White Background



This preview shows how the Hex color 07809A looks on a white background.

## Color Contrast Check

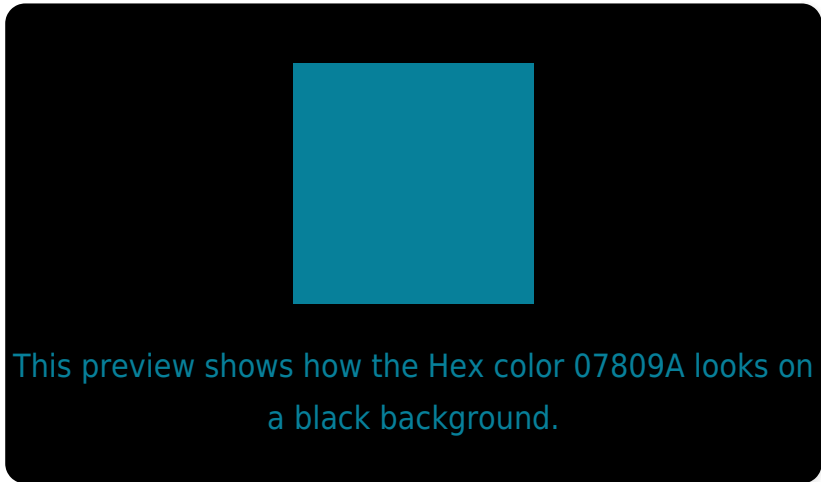
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

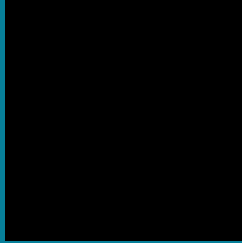
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 07809A Background



This preview shows how black text looks on a background with the Hex color 07809A.

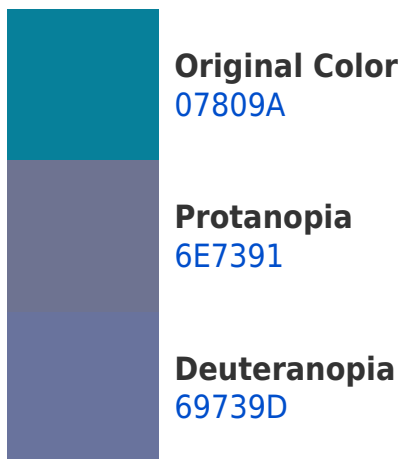


This preview shows how white text looks on a background with the Hex color 07809A.

# 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**  
00828C

# Trichromacy



**Original Color**  
07809A

**Protanomaly**  
497894

**Deuteranomaly**  
45789C

**Tritanomaly**  
038191

# Monochromacy



**Original Color**  
07809A

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
3F6B74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07809A 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 #07809A looks like.

```
.text, #text, p{  
    color:#07809A  
}
```

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 #07809A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07809A
}
```

## Border

The CSS property to change the border of an element to Hex 07809A 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
#07809A }
```

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

```
.border{ border-color:#07809A }
```

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

Here you see how a box with a 4 pixel #07809A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07809A; -webkit-box-shadow:4px 4px  
4px 4px #07809A; box-shadow:4px 4px 4px  
4px #07809A }
```

# Background

The CSS property to change the background color of an element to Hex 07809A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07809A }
```

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

```
.background{ background-color:#07809A }
```

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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