

# Converting Colors

Hex(007E9F)

Have a look what the booklet for  
Hex(007E9F) contains.

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# Color

**Hex(007E9F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007E9F
RGB	0, 126, 159
RGB Percent	0%, 49%, 62%
CMY	1.0000, 0.5059, 0.3765
CMYK	1.00, 0.21, 0.00, 0.38
HSL	192°, 100%, 31%
HSV	192°, 100%, 62%
XYZ	13.7189, 17.4249, 35.4412
YIQ	92.0880, -85.6890, -16.4490

# Conversions

## Conversions Part 2

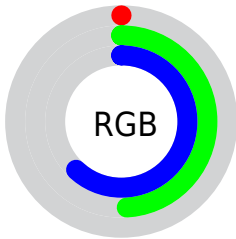
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 70, 159
Decimal	32415
CIELab	48.79, -16.99, -25.87
CIELCh	49, 30.950, 236.699
Yxy	17.4249, 0.2060, 0.2617
Android (android.graphics.Color)	4278222495 (0xFF007E9F)
YUV	92.0880, 32.9876, -80.7612
Hunter-Lab	41.7432, -14.3866, -21.1187

# Details

The Hex color **007E9F** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9F2100**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **58B3D6**, and **004D6B** is the 20% darker color. If you saturate the color by 10%, you get **007E9F**, and if you desaturate by 10%, it is **10819F**.

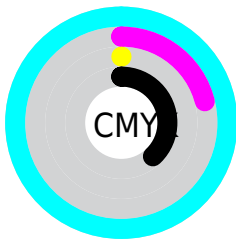
# Distribution



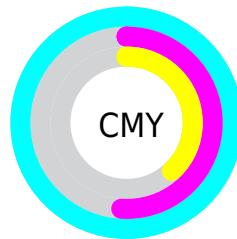
- Red (0%)
- Green (49%)
- Blue (62%)



- Red (0%)
- Yellow (27%)
- Blue (62%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (51%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007E9F 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 007E9F by changing the saturation by 10% instead.



 007E9F

 007E9F

FFFFFF

 006585

 58B3D6

 004D6B

 76CEF2

 003653

 93EBFF

 00213C

 B1FFFF

 000326

 CEFFFF

 00010F

 ECFFFF

 000000

 007E9F

 10819F

 20859F

 30889F

 408B9F

 508F9F

 5F929F

 6F959F

 7F989F

 8F9C9F

# Harmonies

## Analogous

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



00818B



007E9F



4677A8

# Triad

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



007E9F



A35F78



6D7944

# Complementary

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



007E9F



9F2100

# 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.



87713F



007E9F



A6615E

# Square

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



007E9F



926591



9B6849



4E7F56

# Rectangle

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



007E9F



6571A6



9B6849



767741



# Sweetspot

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



007E9F



91C2CF



009F20



436169



E8E8E8



696969



# Same Dimension

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



007E9F



00A4CF



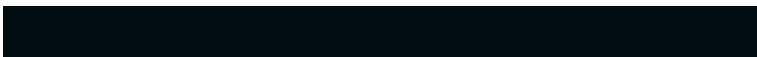
00309F



474D4F



00718F



000C0F



# Inverse Universe

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



9F007E



CF00A4



9F6F00



4F474D



8F0071



0F000C



# Previews

## White Background



This preview shows how the Hex color 007E9F looks on a white background.

## Color Contrast Check

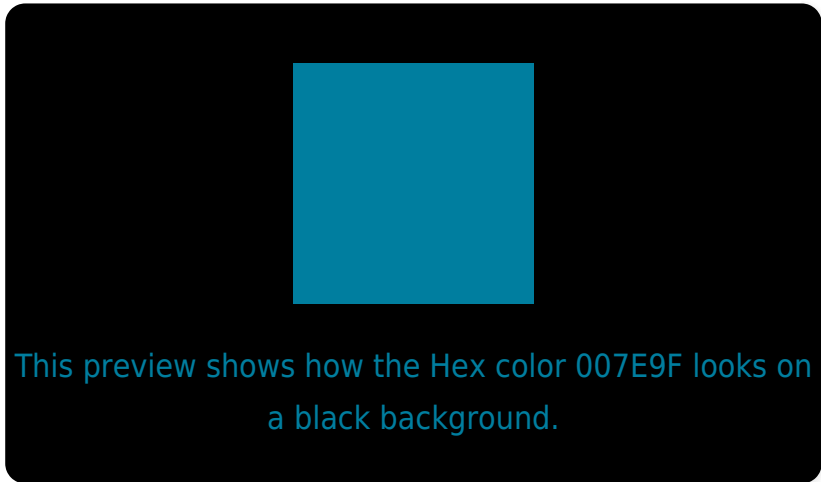
Large Text (above 18pt) WCAG AA ✓ Pass

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

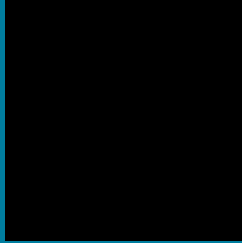
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007E9F Background



This preview shows how black text looks on a background with the Hex color 007E9F.



This preview shows how white text looks on a background with the Hex color 007E9F.

# 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**  
00818A

# Trichromacy



**Original Color**  
007E9F

**Protanomaly**  
437699

**Deuteranomaly**  
4076A1

**Tritanomaly**  
008092

# Monochromacy



**Original Color**  
007E9F

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
3B6874

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007E9F 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 #007E9F looks like.

```
.text, #text, p{  
    color:#007E9F  
}
```

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 #007E9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007E9F
}
```

## Border

The CSS property to change the border of an element to Hex 007E9F 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
#007E9F }
```

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

```
.border{ border-color:#007E9F }
```

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

Here you see how a box with a 4 pixel #007E9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007E9F; -webkit-box-shadow:4px 4px  
4px 4px #007E9F; box-shadow:4px 4px 4px  
4px #007E9F }
```

# Background

The CSS property to change the background color of an element to Hex 007E9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007E9F }
```

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

```
.background{ background-color:#007E9F }
```

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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