

Converting Colors

Hex(007E9C)

Have a look what the booklet for
Hex(007E9C) contains.

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Color

Hex(007E9C)

Conversions

Conversions Part 1

Format	Color
Hex	007E9C
RGB	0, 126, 156
RGB Percent	0%, 49%, 61%
CMY	1.0000, 0.5059, 0.3882
CMYK	1.00, 0.19, 0.00, 0.39
HSL	192°, 100%, 31%
HSV	192°, 100%, 61%
XYZ	13.4616, 17.3220, 34.0865
YIQ	91.7460, -84.7260, -17.3820

Conversions

Conversions Part 2

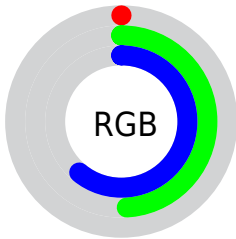
Format	Color
RYB	0, 70, 156
Decimal	32412
CIELab	48.66, -18.09, -24.31
CIELCh	49, 30.306, 233.346
Yxy	17.3220, 0.2075, 0.2670
Android (android.graphics.Color)	4278222492 (0xFF007E9C)
YUV	91.7460, 31.6772, -80.4612
Hunter-Lab	41.6197, -15.0999, -19.4246

Details

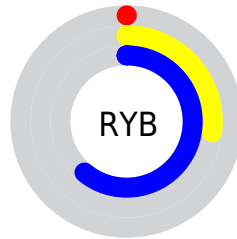
The Hex color **007E9C** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9C1E00**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **57B3D3**, and **004D69** is the 20% darker color. If you saturate the color by 10%, you get **007E9C**, and if you desaturate by 10%, it is **10819C**.

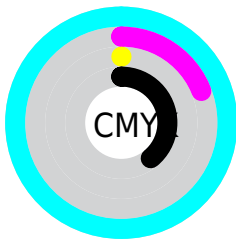
Distribution



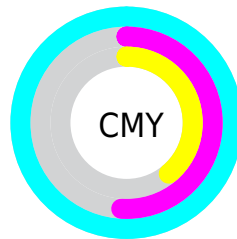
- Red (0%)
- Green (49%)
- Blue (61%)



- Red (0%)
- Yellow (27%)
- Blue (61%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007E9C 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 007E9C by changing the saturation by 10% instead.

 007E9C

 007E9C

FFFFFF

 006582

 57B3D3

 004D69

 75CEEF

 003650

 92EBFF

 002139

 B0FFFF

 000224

 CDFFFF

 00000C

 EBFFFF

 000000

 007E9C

 10819C

 1F849C

 2F879C

 3E8A9C

 4E8D9C

 5E909C

 6D939C

 7D969C

 8C999C

Harmonies

Analogous

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



008187



007E9C



4278A6

Triad

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



007E9C



A1607A



707843

Complementary

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



007E9C



9C1E00

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.



897040



007E9C



A56161

Square

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



007E9C



8E6692



9C674B



527E54

Rectangle

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



007E9C



6172A5



9C674B



797641

Sweetspot

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



007E9C



8FC0CC



009C1D



415F66



E6E6E6



666666

Same Dimension

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



007E9C



00A5CC



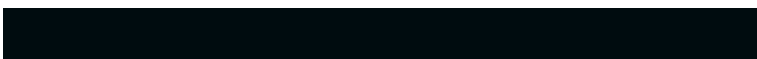
00319C



474E4F



00738F



000C0F

Inverse Universe

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



9C007E



CC00A5



9C6B00



4F474E



8F0073



0F000C

Previews

White Background



This preview shows how the Hex color 007E9C looks on a white background.

Color Contrast Check

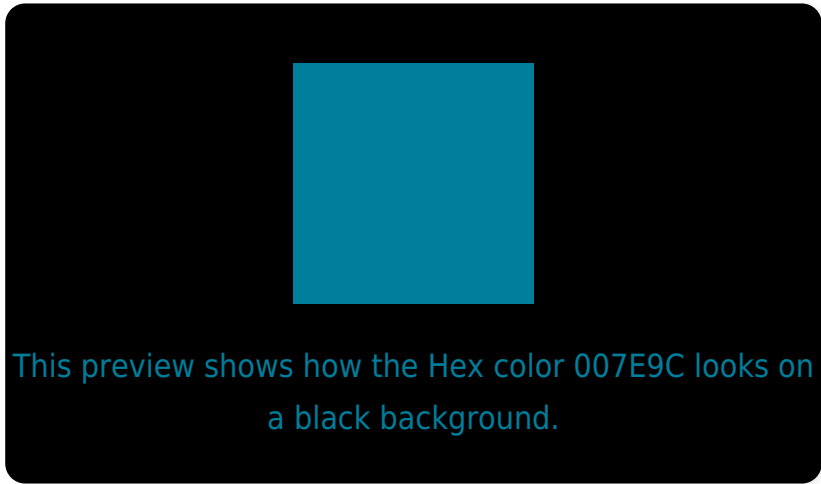
Large Text (above 18pt) WCAG AA ✓ Pass

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

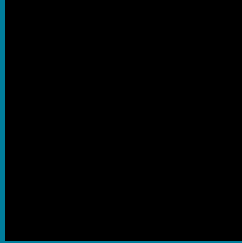
Any Text WCAG AA × Fail

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 007E9C Background



This preview shows how black text looks on a background with the Hex color 007E9C.



This preview shows how white text looks on a background with the Hex color 007E9C.

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
00808A

Trichromacy



Original Color
007E9C

Protanomaly
447696

Deuteranomaly
40769E

Tritanomaly
007F91

Monochromacy



Original Color
007E9C

Achromatopsia
5C5C5C

Achromatomaly
3B6873

CSS Examples

Text

The CSS property to change the color of the text to Hex 007E9C 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 #007E9C looks like.

```
.text, #text, p{  
    color:#007E9C  
}
```

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 #007E9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007E9C
}
```

Border

The CSS property to change the border of an element to Hex 007E9C 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
#007E9C }
```

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

```
.border{ border-color:#007E9C }
```

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

Here you see how a box with a 4 pixel #007E9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007E9C; -webkit-box-shadow:4px 4px  
4px 4px #007E9C; box-shadow:4px 4px 4px  
4px #007E9C }
```

Background

The CSS property to change the background color of an element to Hex 007E9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007E9C }
```

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

```
.background{ background-color:#007E9C }
```

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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