

Converting Colors

Hex(007A9C)

Have a look what the booklet for
Hex(007A9C) contains.

Hex(007A9C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(007A9C)

Conversions

Conversions Part 1

Format	Color
Hex	007A9C
RGB	0, 122, 156
RGB Percent	0%, 48%, 61%
CMY	1.0000, 0.5216, 0.3882
CMYK	1.00, 0.22, 0.00, 0.39
HSL	193°, 100%, 31%
HSV	193°, 100%, 61%
XYZ	12.9603, 16.3194, 33.9194
YIQ	89.3980, -83.6260, -15.2900

Conversions

Conversions Part 2

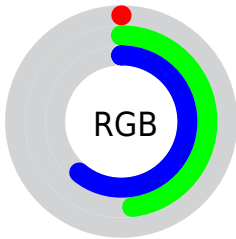
Format	Color
RYB	0, 68, 156
Decimal	31388
CIELab	47.39, -15.88, -26.28
CIELCh	47, 30.711, 238.856
Yxy	16.3194, 0.2051, 0.2582
Android (android.graphics.Color)	4278221468 (0xFF007A9C)
YUV	89.3980, 32.8348, -78.4020
Hunter-Lab	40.3972, -13.4286, -21.5045

Details

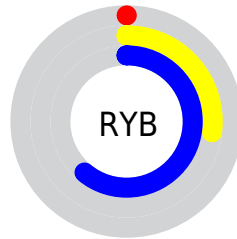
The Hex color **007A9C** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9C2200**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **57AED3**, and **004969** is the 20% darker color. If you saturate the color by 10%, you get **007A9C**, and if you desaturate by 10%, it is **107D9C**.

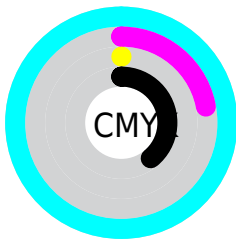
Distribution



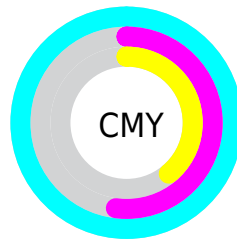
- Red (0%)
- Green (48%)
- Blue (61%)



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



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (52%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007A9C 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 007A9C by changing the saturation by 10% instead.

 007A9C

 007A9C

FFFFFF

 006182

 57AED3

 004969

 75CAEF

 003350

 92E6FF

 001E39

 AFFFFFF

 000224

 CDFFFF

 00000B

 EAFFFF

 000000

 007A9C

 107D9C

■ 1F819C

■ 2F849C

■ 3E889C

■ 4E8B9C

■ 5E8E9C

■ 6D929C

■ 7D959C

■ 8C999C

Harmonies

Analogous

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



007D88



007A9C



4773A4

Triad

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



007A9C



A05C72



677642

Complementary

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



007A9C



9C2200

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.



826F3C



007A9C



A15E59

Square

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



007A9C



90618C



966545



487B55

Rectangle

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



007A9C



656DA1



966545



71743E

Sweetspot

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



007A9C



8FBFCC



009C22



415E66



E6E6E6



666666

Same Dimension

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



007A9C



00A0CC



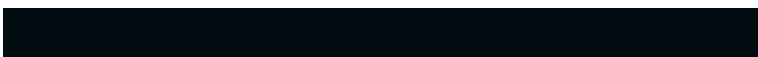
002C9C



474D4F



00708F



000C0F

Inverse Universe

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



9C007A



CC00A0



9C7000



4F474D



8F0070



0F000C

Previews

White Background



This preview shows how the Hex color 007A9C looks on a white background.

Color Contrast Check

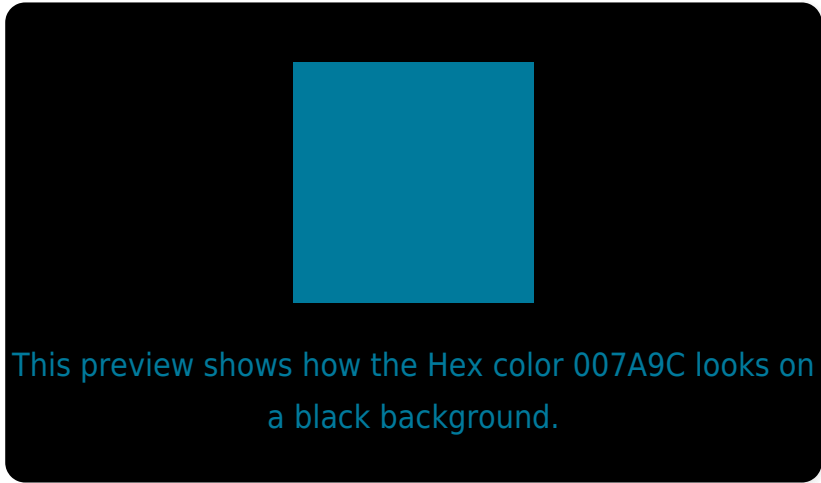
Large Text (above 18pt) WCAG AA ✓ Pass

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

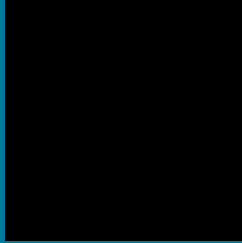
Any Text WCAG AA × Fail

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 007A9C Background



This preview shows how black text looks on a background with the Hex color 007A9C.

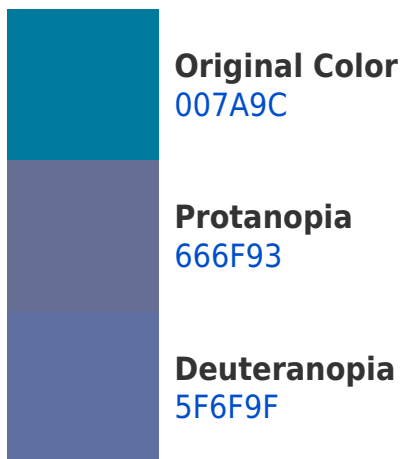


This preview shows how white text looks on a background with the Hex color 007A9C.

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
007D86

Trichromacy



Original Color
007A9C

Protanomaly
417396

Deuteranomaly
3C739E

Tritanomaly
007C8E

Monochromacy



Original Color
007A9C

Achromatopsia
595959

Achromatomaly
396571

CSS Examples

Text

The CSS property to change the color of the text to Hex 007A9C 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 #007A9C looks like.

```
.text, #text, p{  
    color:#007A9C  
}
```

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 #007A9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007A9C
}
```

Border

The CSS property to change the border of an element to Hex 007A9C 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
#007A9C }
```

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

```
.border{ border-color:#007A9C }
```

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

Here you see how a box with a 4 pixel #007A9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007A9C; -webkit-box-shadow:4px 4px  
4px 4px #007A9C; box-shadow:4px 4px 4px  
4px #007A9C }
```

Background

The CSS property to change the background color of an element to Hex 007A9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007A9C }
```

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

```
.background{ background-color:#007A9C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor