

Converting Colors

Hex(007C9A)

Have a look what the booklet for
Hex(007C9A) contains.

Hex(007C9A)	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(007C9A)

Conversions

Conversions Part 1

Format	Color
Hex	007C9A
RGB	0, 124, 154
RGB Percent	0%, 49%, 60%
CMY	1.0000, 0.5137, 0.3961
CMYK	1.00, 0.19, 0.00, 0.40
HSL	192°, 100%, 30%
HSV	192°, 100%, 60%
XYZ	13.0404, 16.7484, 33.1173
YIQ	90.3440, -83.5340, -16.9580

Conversions

Conversions Part 2

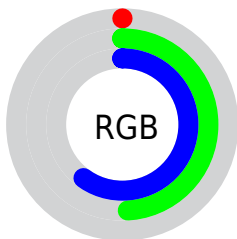
Format	Color
RYB	0, 69, 154
Decimal	31898
CIELab	47.94, -17.73, -24.26
CIELCh	48, 30.045, 233.841
Yxy	16.7484, 0.2073, 0.2662
Android (android.graphics.Color)	4278221978 (0xFF007C9A)
YUV	90.3440, 31.3824, -79.2317
Hunter-Lab	40.9248, -14.7407, -19.3315

Details

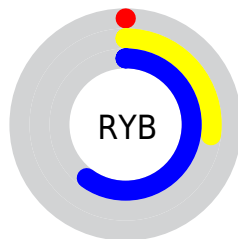
The Hex color **007C9A** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9A1E00**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **56B1D0**, and **004B67** is the 20% darker color. If you saturate the color by 10%, you get **007C9A**, and if you desaturate by 10%, it is **0F7F9A**.

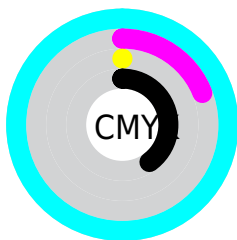
Distribution



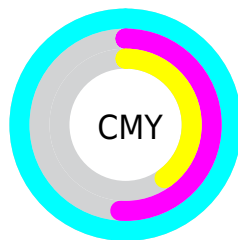
- Red (0%)
- Green (49%)
- Blue (60%)



- Red (0%)
- Yellow (27%)
- Blue (60%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007C9A 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 007C9A by changing the saturation by 10% instead.

 007C9A

 007C9A

FFFFFF

 006380

 56B1D0

 004B67

 74CCED

 00344F

 92E8FF

 002038

 AFFFFFF

 000222

 CCFFFF

 000008

 EAFFFF

 000000

 007C9A

 0F7F9A

 1F829A

 2E859A

 3E889A

 4D8B9A

 5C8E9A

 6C919A

 7B949A

 8B979A

Harmonies

Analogous

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



007F85



007C9A



4276A4

Triad

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



007C9A



9F5E78



6E7642

Complementary

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



007C9A



9A1E00

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.



876E3F



007C9A



A35F5F

Square

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



007C9A



8D6490



9A664A



507C53

Rectangle

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



007C9A



6070A3



9A664A



777440

Sweetspot

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



007C9A



8DBEC9



009A1C



415F66



E6E6E6



666666

Same Dimension

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



007C9A



00A2C9



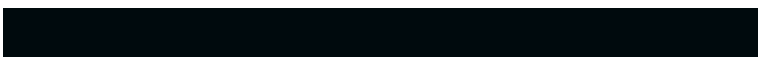
00319A



454B4D



00718C



000A0D

Inverse Universe

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



9A007C



C900A2



9A6900



4D454B



8C0071



0D000A

Previews

White Background



This preview shows how the Hex color 007C9A looks on a white background.

Color Contrast Check

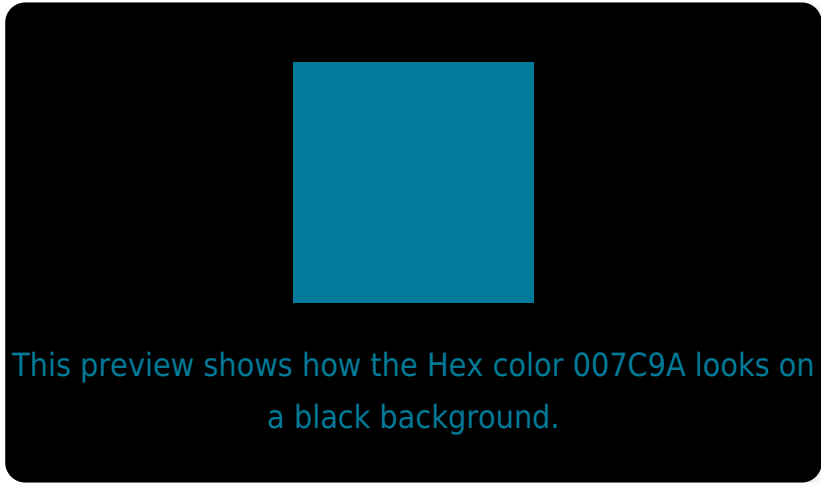
Large Text (above 18pt) WCAG AA ✓ Pass

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

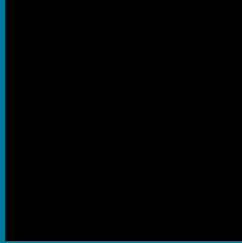
Any Text WCAG AA × Fail

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 007C9A Background



This preview shows how black text looks on a background with the Hex color 007C9A.



This preview shows how white text looks on a background with the Hex color 007C9A.

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
007E88

Trichromacy



Original Color
007C9A

Protanomaly
437494

Deuteranomaly
3F749C

Tritanomaly
007D8F

Monochromacy



Original Color
007C9A

Achromatopsia
5A5A5A

Achromatomaly
396671

CSS Examples

Text

The CSS property to change the color of the text to Hex 007C9A 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 #007C9A looks like.

```
.text, #text, p{  
    color:#007C9A  
}
```

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 #007C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C9A
}
```

Border

The CSS property to change the border of an element to Hex 007C9A 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
#007C9A }
```

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

```
.border{ border-color:#007C9A }
```

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

Here you see how a box with a 4 pixel #007C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C9A; -webkit-box-shadow:4px 4px  
4px 4px #007C9A; box-shadow:4px 4px 4px  
4px #007C9A }
```

Background

The CSS property to change the background color of an element to Hex 007C9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C9A }
```

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

```
.background{ background-color:#007C9A }
```

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