

Converting Colors

Hex(007D9C)

Have a look what the booklet for
Hex(007D9C) contains.

Hex(007D9C)	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(007D9C)

Conversions

Conversions Part 1

Format	Color
Hex	007D9C
RGB	0, 125, 156
RGB Percent	0%, 49%, 61%
CMY	1.0000, 0.5098, 0.3882
CMYK	1.00, 0.20, 0.00, 0.39
HSL	192°, 100%, 31%
HSV	192°, 100%, 61%
XYZ	13.3344, 17.0675, 34.0441
YIQ	91.1590, -84.4510, -16.8590

Conversions

Conversions Part 2

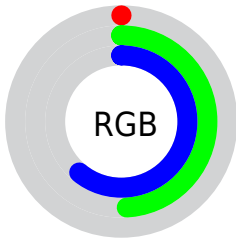
Format	Color
RYB	0, 69, 156
Decimal	32156
CIELab	48.35, -17.54, -24.81
CIELCh	48, 30.382, 234.730
Yxy	17.0675, 0.2069, 0.2648
Android (android.graphics.Color)	4278222236 (0xFF007D9C)
YUV	91.1590, 31.9666, -79.9464
Hunter-Lab	41.3129, -14.6839, -19.9392

Details

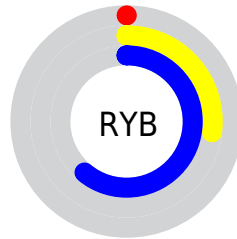
The Hex color **007D9C** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9C1F00**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **57B2D3**, and **004C69** is the 20% darker color. If you saturate the color by 10%, you get **007D9C**, and if you desaturate by 10%, it is **10809C**.

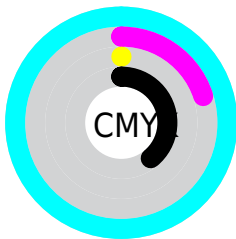
Distribution



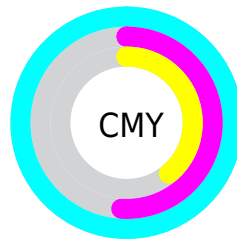
- Red (0%)
- Green (49%)
- Blue (61%)



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



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 007D9C 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 007D9C by changing the saturation by 10% instead.

 007D9C

 007D9C

FFFFFF

 006482

 57B2D3

 004C69

 75CDEF

 003550

 92EAFB

 002039

 B0FFFF

 000224

 CDFFFF

 00000B

 EBFFFF

 000000

 007D9C

 10809C

 1F839C

 2F869C

 3E899C

 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.



008087



007D9C



4377A6

Triad

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



007D9C



A15F78



6E7843

Complementary

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



007D9C



9C1F00

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.



87703F



007D9C



A4605F

Square

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



007D9C



8F6591



9B674A



507D54

Rectangle

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



007D9C



6271A4



9B674A



777540

Sweetspot

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



007D9C



8FC0CC



009C1D



415F66



E6E6E6



666666

Same Dimension

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



007D9C



00A3CC



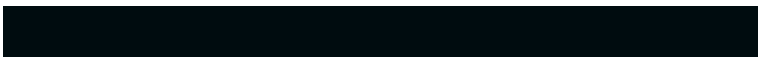
00319C



474D4F



00728F



000C0F

Inverse Universe

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



9C007D



CC00A3



9C6B00



4F474D



8F0072



0F000C

Previews

White Background



This preview shows how the Hex color 007D9C looks on a white background.

Color Contrast Check

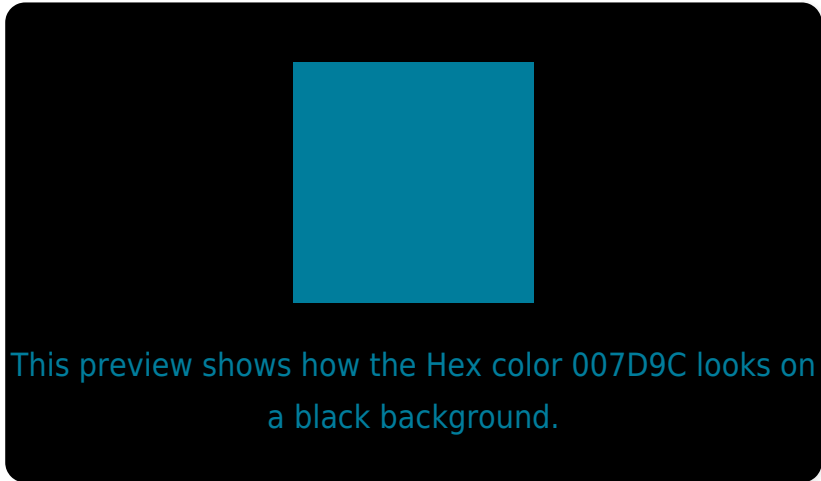
Large Text (above 18pt) WCAG AA ✓ Pass

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

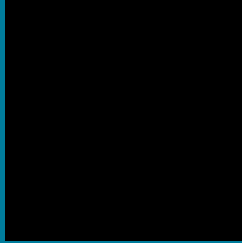
Any Text WCAG AA × Fail

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 007D9C Background



This preview shows how black text looks on a background with the Hex color 007D9C.

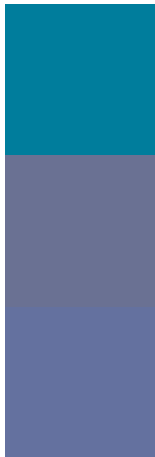


This preview shows how white text looks on a background with the Hex color 007D9C.

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



Original Color
007D9C

Protanopia
6A7193

Deuteranopia
64719F



Tritanopia
007F89

Trichromacy



Original Color
007D9C



Protanomaly
437596



Deuteranomaly
40759E



Tritanomaly
007E90

Monochromacy



Original Color
007D9C



Achromatopsia
5B5B5B



Achromatomaly
3A6773

CSS Examples

Text

The CSS property to change the color of the text to Hex 007D9C 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 #007D9C looks like.

```
.text, #text, p{  
    color:#007D9C  
}
```

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 #007D9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007D9C
}
```

Border

The CSS property to change the border of an element to Hex 007D9C 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
#007D9C }
```

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

```
.border{ border-color:#007D9C }
```

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

Here you see how a box with a 4 pixel #007D9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007D9C; -webkit-box-shadow:4px 4px  
4px 4px #007D9C; box-shadow:4px 4px 4px  
4px #007D9C }
```

Background

The CSS property to change the background color of an element to Hex 007D9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007D9C }
```

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

```
.background{ background-color:#007D9C }
```

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