

# Converting Colors

Hex(007D9B)

Have a look what the booklet for  
Hex(007D9B) contains.

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# Color

**Hex(007D9B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007D9B
RGB	0, 125, 155
RGB Percent	0%, 49%, 61%
CMY	1.0000, 0.5098, 0.3922
CMYK	1.00, 0.19, 0.00, 0.39
HSL	192°, 100%, 30%
HSV	192°, 100%, 61%
XYZ	13.2500, 17.0338, 33.5998
YIQ	91.0450, -84.1300, -17.1700

# Conversions

## Conversions Part 2

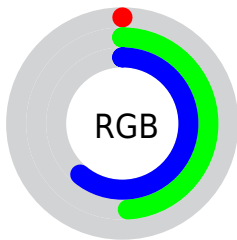
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 69, 155
Decimal	32155
CIELab	48.30, -17.91, -24.29
CIELCh	48, 30.175, 233.592
Yxy	17.0338, 0.2074, 0.2666
Android (android.graphics.Color)	4278222235 (0xFF007D9B)
YUV	91.0450, 31.5298, -79.8465
Hunter-Lab	41.2720, -14.9202, -19.3780

# Details

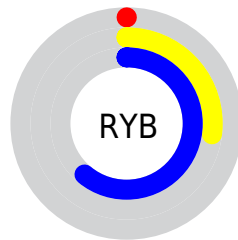
The Hex color **007D9B** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9B1E00**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **57B2D2**, and **004C68** is the 20% darker color. If you saturate the color by 10%, you get **007D9B**, and if you desaturate by 10%, it is **0F809B**.

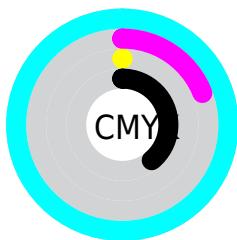
# Distribution



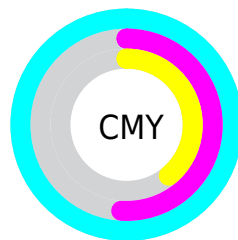
- Red (0%)
- Green (49%)
- Blue (61%)



- 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 007D9B 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 007D9B by changing the saturation by 10% instead.



007D9B

007D9B

FFFFFF

006481

57B2D2

004C68

75CDEE

00354F

92EAFB

002038

AFFFFF

000223

CDFFFF

00000A

EBFFFF

000000

007D9B

0F809B

 1F839B

 2F869B

 3E899B

 4E8C9B

 5D8F9B

 6C929B

 7C959B

 8B989B

# Harmonies

## Analogous

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



008086



007D9B



4277A5

# Triad

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



007D9B



A05F79



6F7743

# Complementary

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



007D9B



9B1E00

# 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.



886F40



007D9B



A46060

# Square

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



007D9B



8D6591



9B664B



517D54

# Rectangle

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



007D9B



6071A4



9B664B



787540



# Sweetspot

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



007D9B



8DBEC9



009B1C



415F66



E6E6E6



666666



# Same Dimension

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



007D9B



00A2C9



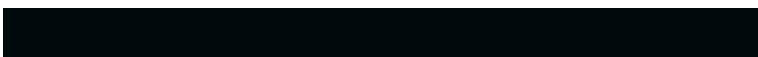
00319B



454B4D



00718C



000A0D



# Inverse Universe

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



9B007D



C900A2



9B6A00



4D454B



8C0071



0D000A



# Previews

## White Background



This preview shows how the Hex color 007D9B 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



This preview shows how the Hex color 007D9B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

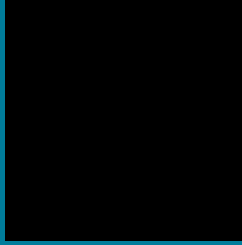
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007D9B Background



This preview shows how black text looks on a background with the Hex color 007D9B.

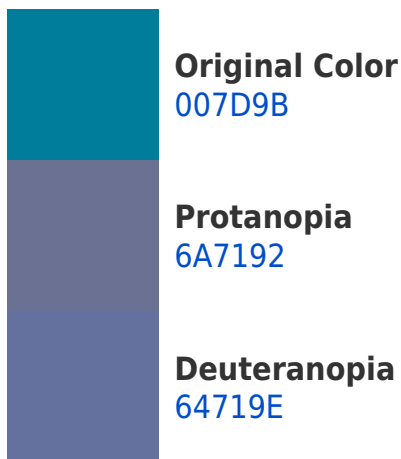


This preview shows how white text looks on a background with the Hex color 007D9B.

# 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**  
007F89

# Trichromacy



**Original Color**  
007D9B



**Protanomaly**  
437595



**Deuteranomaly**  
40759D



**Tritanomaly**  
007E90

# Monochromacy



**Original Color**  
007D9B



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
3A6772

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007D9B 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 #007D9B looks like.

```
.text, #text, p{  
    color:#007D9B  
}
```

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 #007D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007D9B
}
```

## Border

The CSS property to change the border of an element to Hex 007D9B 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
#007D9B }
```

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

```
.border{ border-color:#007D9B }
```

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

Here you see how a box with a 4 pixel #007D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007D9B; -webkit-box-shadow:4px 4px  
4px 4px #007D9B; box-shadow:4px 4px 4px  
4px #007D9B }
```

# Background

The CSS property to change the background color of an element to Hex 007D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007D9B }
```

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

```
.background{ background-color:#007D9B }
```

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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