

Converting Colors

Hex(007B9D)

Have a look what the booklet for
Hex(007B9D) contains.

Hex(007B9D)	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(007B9D)

Conversions

Conversions Part 1

Format	Color
Hex	007B9D
RGB	0, 123, 157
RGB Percent	0%, 48%, 62%
CMY	1.0000, 0.5176, 0.3843
CMYK	1.00, 0.22, 0.00, 0.38
HSL	193°, 100%, 31%
HSV	193°, 100%, 62%
XYZ	13.1688, 16.6002, 34.4084
YIQ	90.0990, -84.2220, -15.5020

Conversions

Conversions Part 2

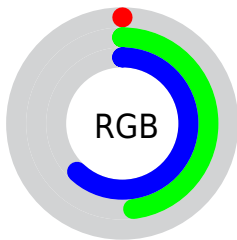
Format	Color
RYB	0, 69, 157
Decimal	31645
CIELab	47.75, -16.07, -26.31
CIELCh	48, 30.829, 238.584
Yxy	16.6002, 0.2052, 0.2587
Android (android.graphics.Color)	4278221725 (0xFF007B9D)
YUV	90.0990, 32.9822, -79.0168
Hunter-Lab	40.7434, -13.6076, -21.5509

Details

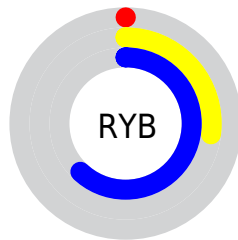
The Hex color **007B9D** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9D2200**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **57B0D4**, and **004A6A** is the 20% darker color. If you saturate the color by 10%, you get **007B9D**, and if you desaturate by 10%, it is **107E9D**.

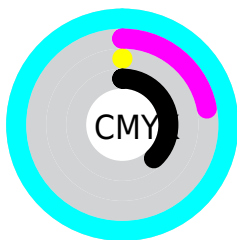
Distribution



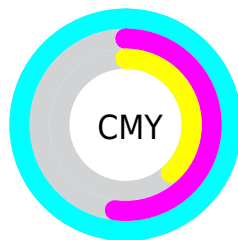
- Red (0%)
- Green (48%)
- Blue (62%)



- Red (0%)
- Yellow (27%)
- Blue (62%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (52%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007B9D 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 007B9D by changing the saturation by 10% instead.

 007B9D

 007B9D

FFFFFF

 006283

 57B0D4

 004A6A

 75CBF0

 003351

 92E7FF

 001F3A

 B0FFFF

 000224

 CDFFFF

 00000C

 EBFFFF

 000000

 007B9D

 107E9D

 1F829D

 2F859D

 3F899D

 4F8C9D

 5E8F9D

 6E939D

 7E969D

 8D9A9D

Harmonies

Analogous

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



007E89



007B9D



4774A5

Triad

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



007B9D



A15D74



687743

Complementary

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



007B9D



9D2200

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.



836F3D



007B9D



A35F5A

Square

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



007B9D



91628D



976646



497C55

Rectangle

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



007B9D



656EA2



976646



72753F

Sweetspot

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



007B9D



8FBFCC



009D1F



415E66



E6E6E6



666666

Same Dimension

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



007B9D



00A0CC



002F9D



474D4F



00708F



000C0F

Inverse Universe

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



9D007B



CC00A0



9D6E00



4F474D



8F0070



0F000C

Previews

White Background



This preview shows how the Hex color 007B9D looks on a white background.

Color Contrast Check

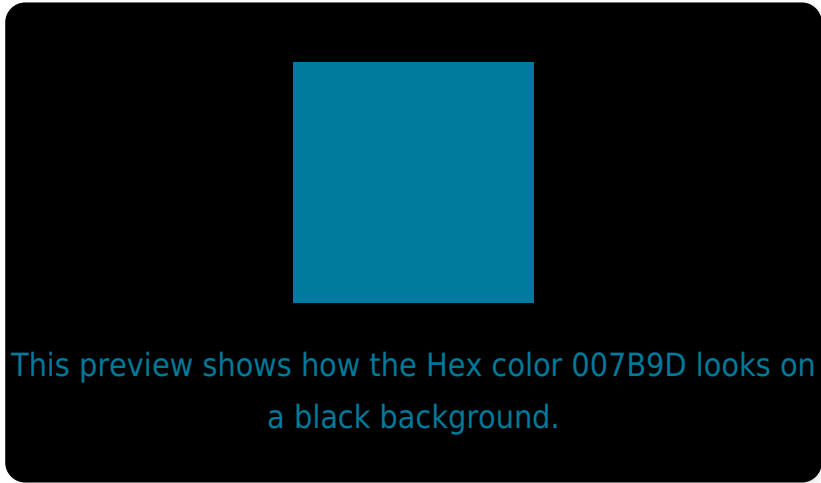
Large Text (above 18pt) WCAG AA ✓ Pass

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

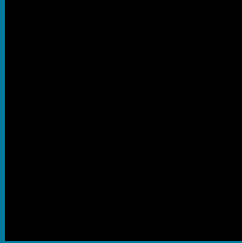
Any Text WCAG AA × Fail

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 007B9D Background



This preview shows how black text looks on a background with the Hex color 007B9D.

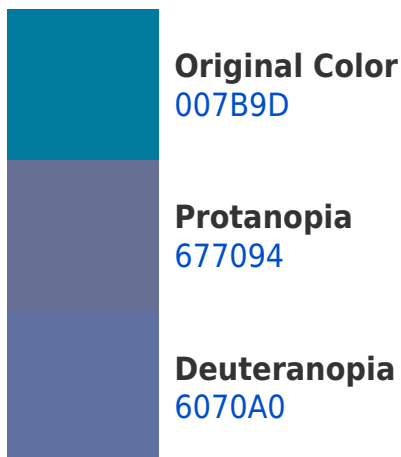


This preview shows how white text looks on a background with the Hex color 007B9D.

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
007E87

Trichromacy



Original Color
007B9D



Protanomaly
427497



Deuteranomaly
3D749F



Tritanomaly
007D8F

Monochromacy



Original Color
007B9D



Achromatopsia
5A5A5A



Achromatomaly
396672

CSS Examples

Text

The CSS property to change the color of the text to Hex 007B9D 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 #007B9D looks like.

```
.text, #text, p{  
    color:#007B9D  
}
```

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 #007B9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007B9D
}
```

Border

The CSS property to change the border of an element to Hex 007B9D 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
#007B9D }
```

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

```
.border{ border-color:#007B9D }
```

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

Here you see how a box with a 4 pixel #007B9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007B9D; -webkit-box-shadow:4px 4px  
4px 4px #007B9D; box-shadow:4px 4px 4px  
4px #007B9D }
```

Background

The CSS property to change the background color of an element to Hex 007B9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007B9D }
```

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

```
.background{ background-color:#007B9D }
```

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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