

Converting Colors

Hex(007B9F)

Have a look what the booklet for
Hex(007B9F) contains.

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Color

Hex(007B9F)

Conversions

Conversions Part 1

Format	Color
Hex	007B9F
RGB	0, 123, 159
RGB Percent	0%, 48%, 62%
CMY	1.0000, 0.5176, 0.3765
CMYK	1.00, 0.23, 0.00, 0.38
HSL	194°, 100%, 31%
HSV	194°, 100%, 62%
XYZ	13.3410, 16.6691, 35.3152
YIQ	90.3270, -84.8640, -14.8800

Conversions

Conversions Part 2

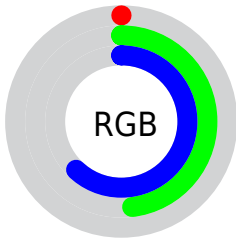
Format	Color
RYB	0, 69, 159
Decimal	31647
CIELab	47.84, -15.33, -27.34
CIElCh	48, 31.346, 240.730
Yxy	16.6691, 0.2042, 0.2552
Android (android.graphics.Color)	4278221727 (0xFF007B9F)
YUV	90.3270, 33.8558, -79.2168
Hunter-Lab	40.8278, -13.1218, -22.7051

Details

The Hex color **007B9F** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9F2400**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **57B0D6**, and **004A6B** is the 20% darker color. If you saturate the color by 10%, you get **007B9F**, and if you desaturate by 10%, it is **107F9F**.

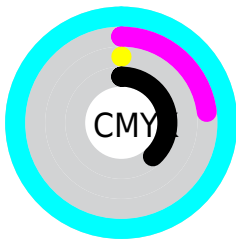
Distribution



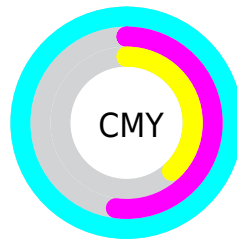
- Red (0%)
- Green (48%)
- Blue (62%)



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



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 007B9F 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 007B9F by changing the saturation by 10% instead.

 007B9F

 007B9F

FFFFFF

 006285

 57B0D6

 004A6B

 75CBF2

 003453

 93E7FF

 001F3C

 B0FFFF

 000226

 CEFFFF

 00010F

 ECFFFF

 000000

 007B9F

 107F9F

 20829F

 30869F

 40899F

 508D9F

 5F919F

 6F949F

 7F989F

 8F9B9F

Harmonies

Analogous

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



007F8C



007B9F



4974A6

Triad

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



007B9F



A35C72



667843

Complementary

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



007B9F



9F2400

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.



82703C



007B9F



A35F58

Square

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



007B9F



93618C



976744



467D57

Rectangle

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



007B9F



686EA3



976744



70763F

Sweetspot

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



007B9F



91C1CF



009F22



436069



E8E8E8



696969

Same Dimension

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



007B9F



00A0CF



002D9F



474D4F



006E8F



000C0F

Inverse Universe

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



9F007B



CF00A0



9F7200



4F474D



8F006E



0F000C

Previews

White Background



This preview shows how the Hex color 007B9F looks on a white background.

Color Contrast Check

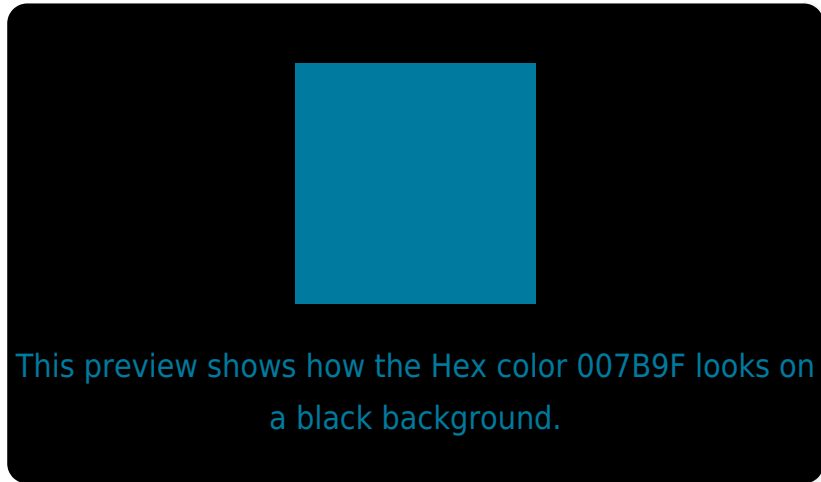
Large Text (above 18pt) WCAG AA ✓ Pass

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

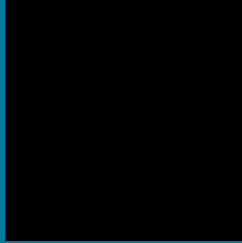
Any Text WCAG AA × Fail

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 007B9F Background



This preview shows how black text looks on a background with the Hex color 007B9F.

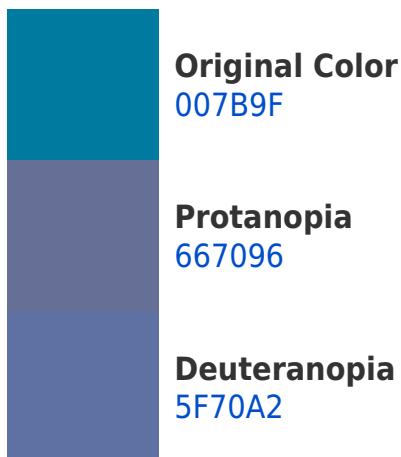


This preview shows how white text looks on a background with the Hex color 007B9F.

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
007B9F

Protanomaly
417499

Deuteranomaly
3C74A1

Tritanomaly
007D90

Monochromacy



Original Color
007B9F

Achromatopsia
5A5A5A

Achromatomaly
396673

CSS Examples

Text

The CSS property to change the color of the text to Hex 007B9F 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 #007B9F looks like.

```
.text, #text, p{  
    color:#007B9F  
}
```

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 #007B9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007B9F
}
```

Border

The CSS property to change the border of an element to Hex 007B9F 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
#007B9F }
```

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

```
.border{ border-color:#007B9F }
```

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

Here you see how a box with a 4 pixel #007B9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007B9F; -webkit-box-shadow:4px 4px  
4px 4px #007B9F; box-shadow:4px 4px 4px  
4px #007B9F }
```

Background

The CSS property to change the background color of an element to Hex 007B9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007B9F }
```

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

```
.background{ background-color:#007B9F }
```

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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