

Converting Colors

Hex(00809B)

Have a look what the booklet for
Hex(00809B) contains.

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Color

Hex(00809B)

Conversions

Conversions Part 1

Format	Color
Hex	00809B
RGB	0, 128, 155
RGB Percent	0%, 50%, 61%
CMY	1.0000, 0.4980, 0.3922
CMYK	1.00, 0.17, 0.00, 0.39
HSL	190°, 100%, 30%
HSV	190°, 100%, 61%
XYZ	13.6356, 17.8049, 33.7284
YIQ	92.8060, -84.9550, -18.7390

Conversions

Conversions Part 2

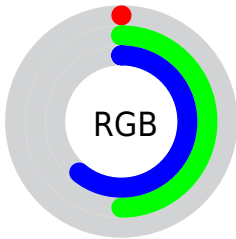
Format	Color
RYB	0, 70, 155
Decimal	32923
CIELab	49.26, -19.54, -22.81
CIELCh	49, 30.035, 229.414
Yxy	17.8049, 0.2092, 0.2732
Android (android.graphics.Color)	4278223003 (0xFF00809B)
YUV	92.8060, 30.6616, -81.3909
Hunter-Lab	42.1959, -16.1606, -17.8551

Details

The Hex color **00809B** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9B1B00**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **57B5D2**, and **004F68** is the 20% darker color. If you saturate the color by 10%, you get **00809B**, and if you desaturate by 10%, it is **0F839B**.

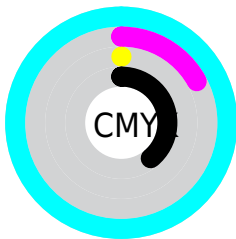
Distribution



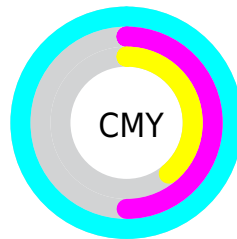
- Red (0%)
- Green (50%)
- Blue (61%)



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



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00809B 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 00809B by changing the saturation by 10% instead.

00809B

00809B

FFFFFF

006781

57B5D2

004F68

75D1EE

003750

92EDFF

002238

B0FFFF

000223

CDFFFF

00000A

EBFFFF

000000

00809B

0F839B

 1F859B

 2F889B

 3E8B9B

 4E8D9B

 5D909B

 6C939B

 7C969B

 8B989B

Harmonies

Analogous

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



018385



00809B



3E7AA7

Triad

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



00809B



A1627F



757944

Complementary

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



00809B



9B1B00

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.



8E7043



00809B



A76265

Square

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



00809B



8C6896



9F684F



587F53

Rectangle

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



00809B



5D75A7



9F684F



7E7642

Sweetspot

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



00809B



8DBFC9



009B1A



416066



E6E6E6



666666

Same Dimension

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



00809B



00A6C9



00349B



454B4D



00748C



000B0D

Inverse Universe

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



9B0080



C900A6



9B6700



4D454B



8C0074



0D000B

Previews

White Background



This preview shows how the Hex color 00809B looks on a white background.

Color Contrast Check

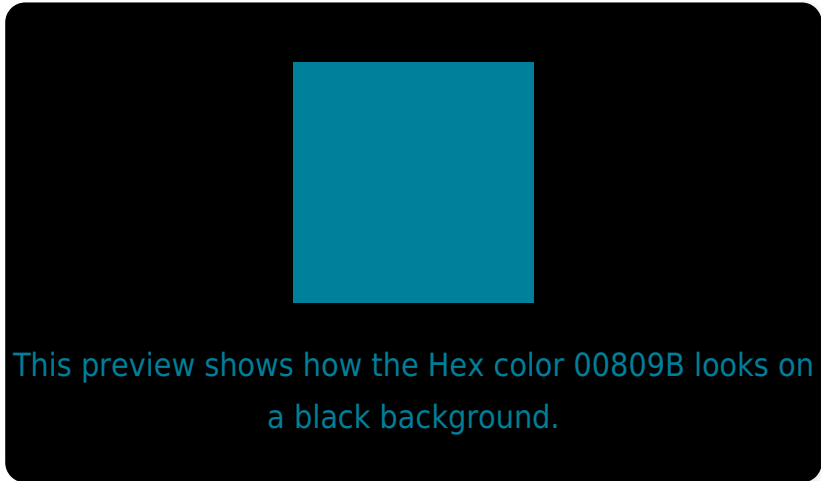
Large Text (above 18pt) WCAG AA ✓ Pass

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

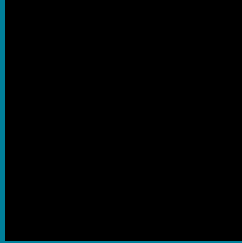
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 00809B Background



This preview shows how black text looks on a background with the Hex color 00809B.

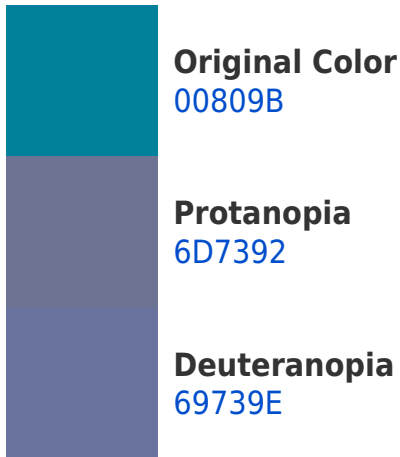


This preview shows how white text looks on a background with the Hex color 00809B.

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
00828C

Trichromacy



Original Color
00809B

Protanomaly
457895

Deuteranomaly
43789D

Tritanomaly
008191

Monochromacy



Original Color
00809B

Achromatopsia
5D5D5D

Achromatomaly
3B6A74

CSS Examples

Text

The CSS property to change the color of the text to Hex 00809B 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 #00809B looks like.

```
.text, #text, p{  
    color:#00809B  
}
```

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 #00809B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00809B
}
```

Border

The CSS property to change the border of an element to Hex 00809B 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
#00809B }
```

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

```
.border{ border-color:#00809B }
```

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

Here you see how a box with a 4 pixel #00809B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00809B; -webkit-box-shadow:4px 4px  
4px 4px #00809B; box-shadow:4px 4px 4px  
4px #00809B }
```

Background

The CSS property to change the background color of an element to Hex 00809B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00809B }
```

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

```
.background{ background-color:#00809B }
```

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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