

Converting Colors

Hex(00769A)

Have a look what the booklet for
Hex(00769A) contains.

Hex(00769A)	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(00769A)

Conversions

Conversions Part 1

Format	Color
Hex	00769A
RGB	0, 118, 154
RGB Percent	0%, 46%, 60%
CMY	1.0000, 0.5373, 0.3961
CMYK	1.00, 0.23, 0.00, 0.40
HSL	194°, 100%, 30%
HSV	194°, 100%, 60%
XYZ	12.3112, 15.2900, 32.8742
YIQ	86.8220, -81.8840, -13.8200

Conversions

Conversions Part 2

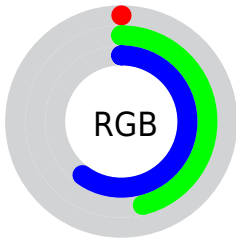
Format	Color
RYB	0, 67, 154
Decimal	30362
CIELab	46.03, -14.38, -27.23
CIELCh	46, 30.792, 242.153
Yxy	15.2900, 0.2036, 0.2528
Android (android.graphics.Color)	4278220442 (0xFF00769A)
YUV	86.8220, 33.1188, -76.1429
Hunter-Lab	39.1024, -12.2294, -22.4748

Details

The Hex color **00769A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9A2400**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **56AAD1**, and **004667** is the 20% darker color. If you saturate the color by 10%, you get **00769A**, and if you desaturate by 10%, it is **0F7A9A**.

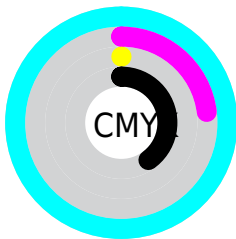
Distribution



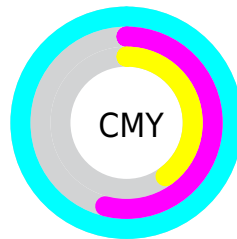
- Red (0%)
- Green (46%)
- Blue (60%)



- Red (0%)
- Yellow (26%)
- Blue (60%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00769A 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 00769A by changing the saturation by 10% instead.

00769A

00769A

FFFFFF

005D80

56AAD1

004667

74C5ED

002F4E

91E1FF

001C37

AEEFF

000222

CBFFF

000008

E9FFF

000000

00769A

0F7A9A

 1F7D9A

 2E819A

 3E849A

 4D889A

 5C8C9A

 6C8F9A

 7B939A

 8B969A

Harmonies

Analogous

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



007A88



00769A



486FA0

Triad

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



00769A



9D586C



617440

Complementary

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



00769A



9A2400

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.



7C6C39



00769A



9D5B53

Square

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



00769A



8F5D86



916340



417854

Rectangle

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



00769A



65699D



916340



6A713C

Sweetspot

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



00769A



8DBBC9



009A24



415D66



E6E6E6



666666

Same Dimension

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



00769A



009AC9



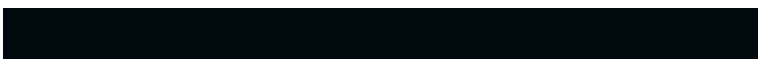
00299A



454B4D



006B8C



000A0D

Inverse Universe

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



9A0076



C9009A



9A7100



4D454B



8C006B



0D000A

Previews

White Background



This preview shows how the Hex color 00769A looks on a white background.

Color Contrast Check

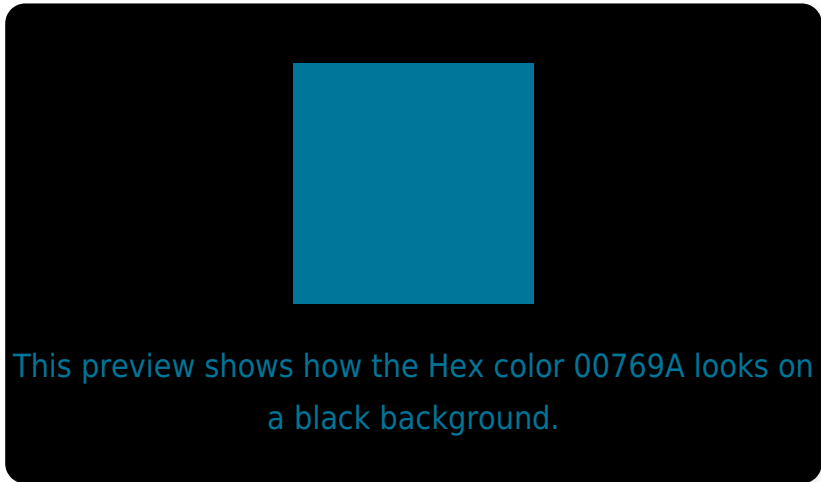
Large Text (above 18pt) WCAG AA ✓ Pass

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

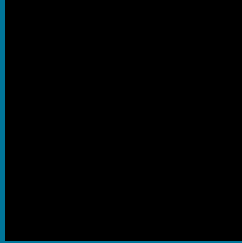
Any Text WCAG AA × Fail

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 00769A Background



This preview shows how black text looks on a background with the Hex color 00769A.

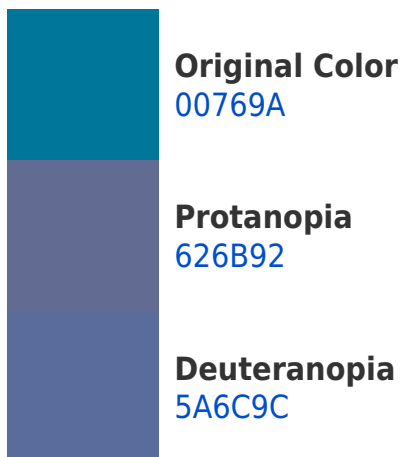


This preview shows how white text looks on a background with the Hex color 00769A.

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
007982

Trichromacy



Original Color
00769A

Protanomaly
3E6F95

Deuteranomaly
39709B

Tritanomaly
00788B

Monochromacy



Original Color
00769A

Achromatopsia
575757

Achromatomaly
37626F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00769A 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 #00769A looks like.

```
.text, #text, p{  
    color:#00769A  
}
```

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 #00769A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00769A
}
```

Border

The CSS property to change the border of an element to Hex 00769A 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
#00769A }
```

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

```
.border{ border-color:#00769A }
```

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

Here you see how a box with a 4 pixel #00769A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00769A; -webkit-box-shadow:4px 4px  
4px 4px #00769A; box-shadow:4px 4px 4px  
4px #00769A }
```

Background

The CSS property to change the background color of an element to Hex 00769A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00769A }
```

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

```
.background{ background-color:#00769A }
```

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