

Converting Colors

Hex(0A6F9E)

Have a look what the booklet for
Hex(0A6F9E) contains.

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Color

Hex(0A6F9E)

Conversions

Conversions Part 1

Format	Color
Hex	0A6F9E
RGB	10, 111, 158
RGB Percent	4%, 44%, 62%
CMY	0.9608, 0.5647, 0.3804
CMYK	0.94, 0.30, 0.00, 0.38
HSL	199°, 88%, 33%
HSV	199°, 94%, 62%
XYZ	11.9812, 13.9020, 34.3996
YIQ	86.1590, -75.2830, -6.7950

Conversions

Conversions Part 2

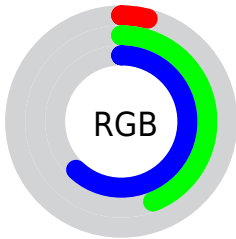
Format	Color
RYB	10, 70, 158
Decimal	683934
CIELab	44.09, -8.32, -32.61
CIELCh	44, 33.653, 255.693
Yxy	13.9020, 0.1987, 0.2306
Android (android.graphics.Color)	4278874014 (0xFF0A6F9E)
YUV	86.1590, 35.4176, -66.7914
Hunter-Lab	37.2854, -7.8909, -28.6013

Details

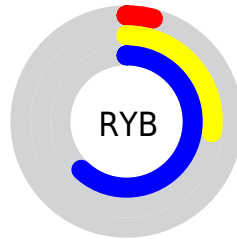
The Hex color **0A6F9E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9E390A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **59A3D5**, and **00406A** is the 20% darker color. If you saturate the color by 10%, you get **006C9E**, and if you desaturate by 10%, it is **1A749E**.

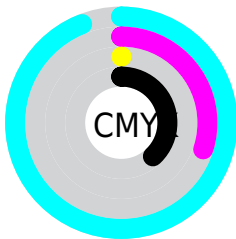
Distribution



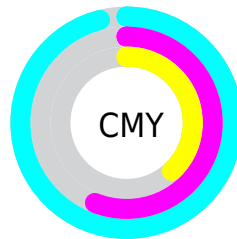
- Red (4%)
- Green (44%)
- Blue (62%)



- Red (4%)
- Yellow (27%)
- Blue (62%)



- Cyan (94%)
- Magenta (30%)
- Yellow (0%)
- Black (38%)



- Cyan (96%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A6F9E 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 0A6F9E by changing the saturation by 10% instead.

0A6F9E

0A6F9E

FFFFFF

005784

59A3D5

00406A

76BEF1

002A52

93D9FF

00163A

B0F6FF

000224

CEFFFF

00000C

ECFFFF

000000

0A6F9E

0A6F9E

006C9E

1A749E

■ 2A799E

■ 397E9E

■ 49839E

■ 59889E

■ 698D9E

■ 79929E

■ 88979E

■ 989C9E

Harmonies

Analogous

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



00758F



0A6F9E



55669E

Triad

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



0A6F9E



9D515B



4B7240

Complementary

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



0A6F9E



9E390A

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.



6B6B31



0A6F9E



975841

Square

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



0A6F9E



955377



856231



1F7659

Rectangle

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



0A6F9E



725F96



856231



577039

Sweetspot

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



0A6F9E



95BCCF



0A9E39



455D69



E8E8E8



696969

Same Dimension

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



0A6F9E



008DCF



0A259E



474D4F



00618F



000A0F

Inverse Universe

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



9E0A6F



CF008D



9E830A



4F474D



8F0061



0F000A

Previews

White Background



This preview shows how the Hex color 0A6F9E looks on a white background.

Color Contrast Check

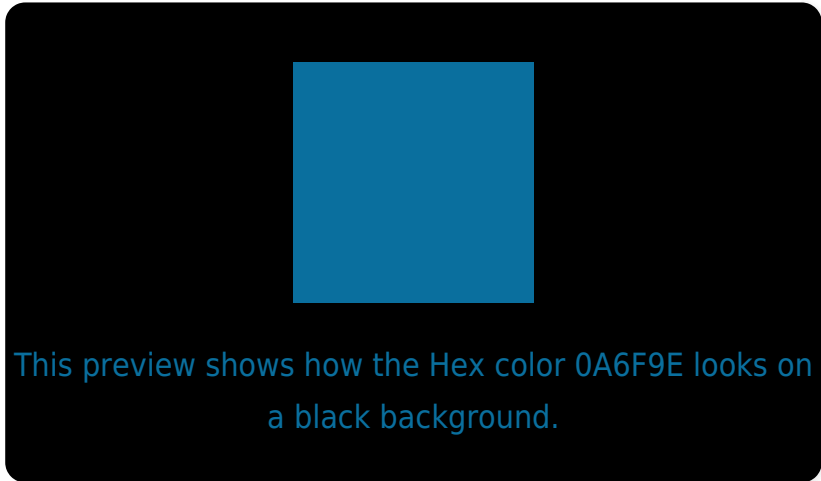
Large Text (above 18pt) WCAG AA ✓ Pass

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

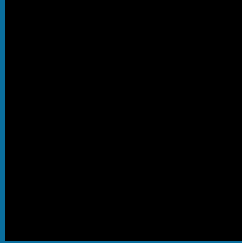
Any Text WCAG AA × Fail

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 0A6F9E Background



This preview shows how black text looks on a background with the Hex color 0A6F9E.



This preview shows how white text looks on a background with the Hex color 0A6F9E.

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](#).

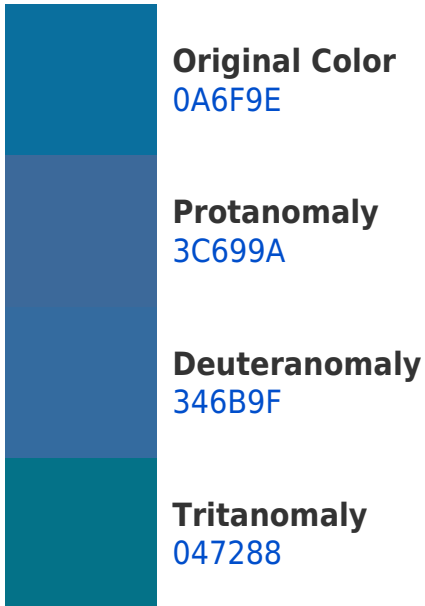
Dichromacy





Tritanopia
00747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0A6F9E 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 #0A6F9E looks like.

```
.text, #text, p{  
    color:#0A6F9E  
}
```

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 #0A6F9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6F9E
}
```

Border

The CSS property to change the border of an element to Hex 0A6F9E 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
#0A6F9E }
```

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

```
.border{ border-color:#0A6F9E }
```

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

Here you see how a box with a 4 pixel #0A6F9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6F9E; -webkit-box-shadow:4px 4px  
4px 4px #0A6F9E; box-shadow:4px 4px 4px  
4px #0A6F9E }
```

Background

The CSS property to change the background color of an element to Hex 0A6F9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6F9E }
```

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

```
.background{ background-color:#0A6F9E }
```

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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