

Converting Colors

Hex(00719C)

Have a look what the booklet for
Hex(00719C) contains.

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Color

Hex(00719C)

Conversions

Conversions Part 1

Format	Color
Hex	00719C
RGB	0, 113, 156
RGB Percent	0%, 44%, 61%
CMY	1.0000, 0.5569, 0.3882
CMYK	1.00, 0.28, 0.00, 0.39
HSL	197°, 100%, 31%
HSV	197°, 100%, 61%
XYZ	11.9059, 14.2106, 33.5679
YIQ	84.1150, -81.1510, -10.5830

Conversions

Conversions Part 2

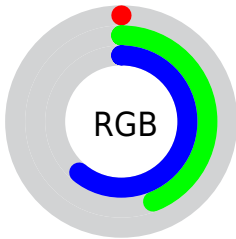
Format	Color
RYB	0, 66, 156
Decimal	29084
CIELab	44.53, -10.74, -30.74
CIELCh	45, 32.565, 250.735
Yxy	14.2106, 0.1995, 0.2381
Android (android.graphics.Color)	4278219164 (0xFF00719C)
YUV	84.1150, 35.4393, -73.7689
Hunter-Lab	37.6969, -9.5936, -26.4081

Details

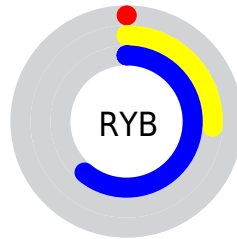
The Hex color **00719C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9C2B00**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **56A5D3**, and **004168** is the 20% darker color. If you saturate the color by 10%, you get **00719C**, and if you desaturate by 10%, it is **10759C**.

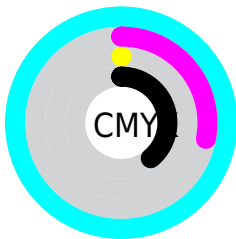
Distribution



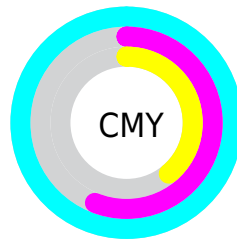
- Red (0%)
- Green (44%)
- Blue (61%)



- Red (0%)
- Yellow (26%)
- Blue (61%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00719C 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 00719C by changing the saturation by 10% instead.

00719C

00719C

FFFFFF

005982

56A5D3

004168

74C0EF

002B50

91DCFF

001839

AEF8FF

000223

CBFFFF

00000A

E9FFFF

000000

00719C

10759C

 1F7A9C

 2F7E9C

 3E829C

 4E869C

 5E8B9C

 6D8F9C

 7D939C

 8C989C

Harmonies

Analogous

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



00768C



00719C



4F699E

Triad

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



00719C



9D5361



53723F

Complementary

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



00719C



9C2B00

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.



716B33



00719C



995847

Square

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



00719C



92567C



896236



2D7657

Rectangle

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



00719C



6C6298



896236



5D7039

Sweetspot

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



00719C



8FBBCC



009C2A



415C66



E6E6E6



666666

Same Dimension

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



00719C



0094CC



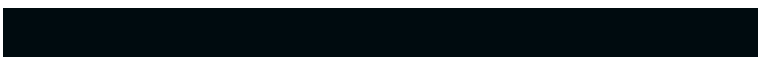
00249C



474D4F



00678F



000B0F

Inverse Universe

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



9C0071



CC0094



9C7800



4F474D



8F0067



0F000B

Previews

White Background



This preview shows how the Hex color 00719C looks on a white background.

Color Contrast Check

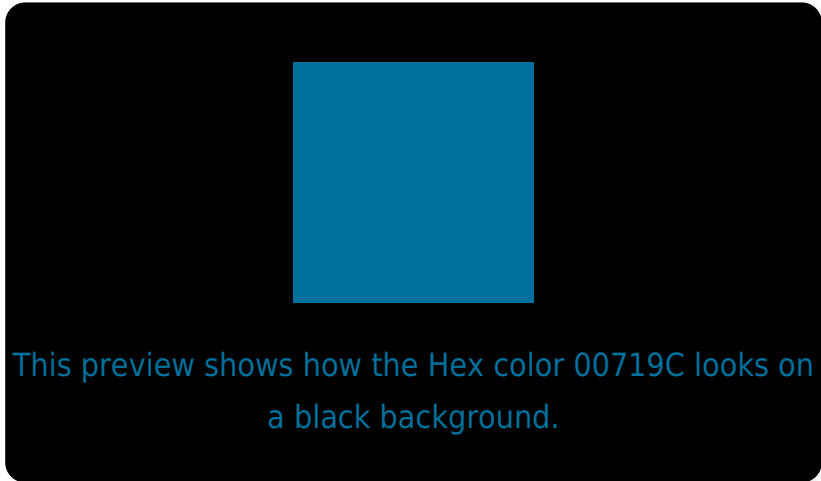
Large Text (above 18pt) WCAG AA ✓ Pass

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

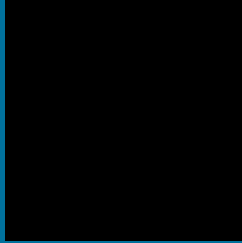
Any Text WCAG AA × Fail

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 00719C Background



This preview shows how black text looks on a background with the Hex color 00719C.



This preview shows how white text looks on a background with the Hex color 00719C.

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
00757E

Trichromacy



Original Color
00719C

Protanomaly
3A6B97

Deuteranomaly
346C9D

Tritanomaly
007489

Monochromacy



Original Color
00719C

Achromatopsia
545454

Achromatomaly
355F6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00719C 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 #00719C looks like.

```
.text, #text, p{  
    color:#00719C  
}
```

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 #00719C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00719C
}
```

Border

The CSS property to change the border of an element to Hex 00719C 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
#00719C }
```

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

```
.border{ border-color:#00719C }
```

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

Here you see how a box with a 4 pixel #00719C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00719C; -webkit-box-shadow:4px 4px  
4px 4px #00719C; box-shadow:4px 4px 4px  
4px #00719C }
```

Background

The CSS property to change the background color of an element to Hex 00719C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00719C }
```

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

```
.background{ background-color:#00719C }
```

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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