

Converting Colors

Hex(00719B)

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

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Color

Hex(00719B)

Conversions

Conversions Part 1

Format	Color
Hex	00719B
RGB	0, 113, 155
RGB Percent	0%, 44%, 61%
CMY	1.0000, 0.5569, 0.3922
CMYK	1.00, 0.27, 0.00, 0.39
HSL	196°, 100%, 30%
HSV	196°, 100%, 61%
XYZ	11.8215, 14.1768, 33.1237
YIQ	84.0010, -80.8300, -10.8940

Conversions

Conversions Part 2

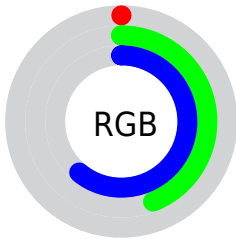
Format	Color
RYB	0, 65, 155
Decimal	29083
CIELab	44.49, -11.13, -30.23
CIELCh	44, 32.209, 249.784
Yxy	14.1768, 0.2000, 0.2398
Android (android.graphics.Color)	4278219163 (0xFF00719B)
YUV	84.0010, 35.0025, -73.6689
Hunter-Lab	37.6521, -9.8481, -25.8027

Details

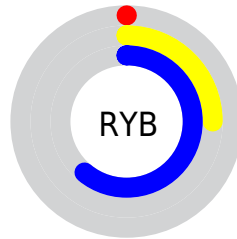
The Hex color **00719B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B2A00**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **56A5D2**, and **004168** is the 20% darker color. If you saturate the color by 10%, you get **00719B**, and if you desaturate by 10%, it is **0F759B**.

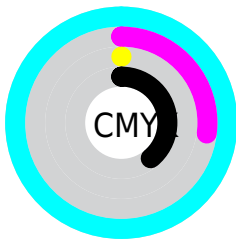
Distribution



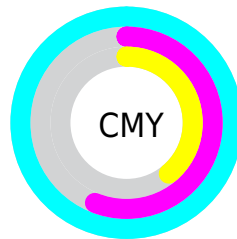
- Red (0%)
- Green (44%)
- Blue (61%)



- Red (0%)
- Yellow (25%)
- Blue (61%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (39%)



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

Brightness & Saturation Gradients

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

00719B

00719B

FFFFFF

005981

56A5D2

004168

73C0EE

002B4F

90DCFF

001838

AEF8FF

000222

CBFFFF

000008

E9FFFF

000000

00719B

0F759B

 1F799B

 2F7E9B

 3E829B

 4E869B

 5D8A9B

 6C8E9B

 7C939B

 8B979B

Harmonies

Analogous

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



00768B



00719B



4E699E

Triad

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



00719B



9C5361



54723F

Complementary

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



00719B



9B2A00

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



00719B



985848

Square

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



00719B



91567C



896137



2F7656

Rectangle

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



00719B



6B6298



896137



5E6F39

Sweetspot

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



00719B



8DB9C9



009B29



415C66



E6E6E6



666666

Same Dimension

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



00719B



0093C9



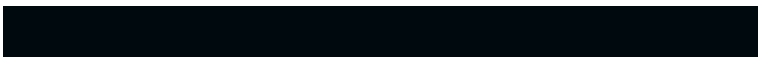
00249B



454A4D



00668C



00090D

Inverse Universe

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



9B0071



C90093



9B7700



4D454A



8C0066



0D0009

Previews

White Background



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

Color Contrast Check

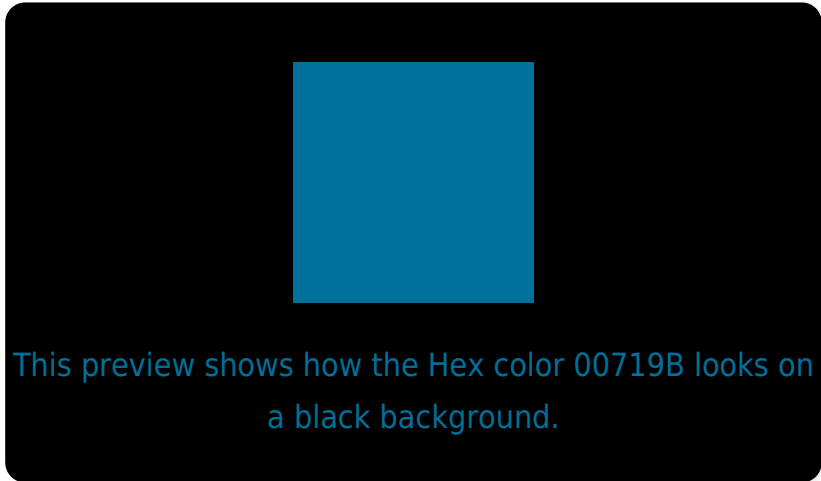
Large Text (above 18pt) WCAG AA ✓ Pass

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

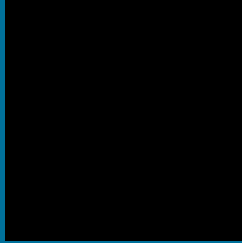
Any Text WCAG AA × Fail

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 00719B Background



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



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

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](#).

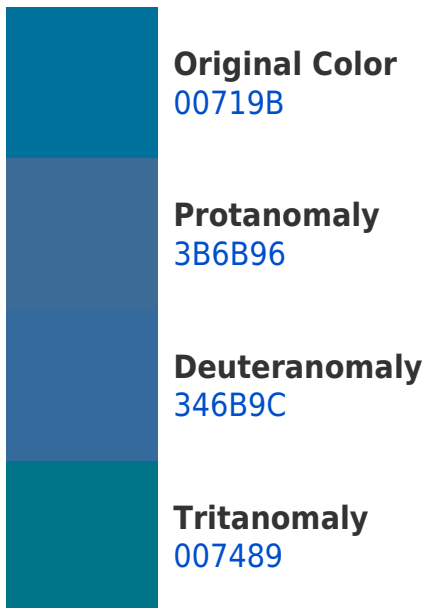
Dichromacy



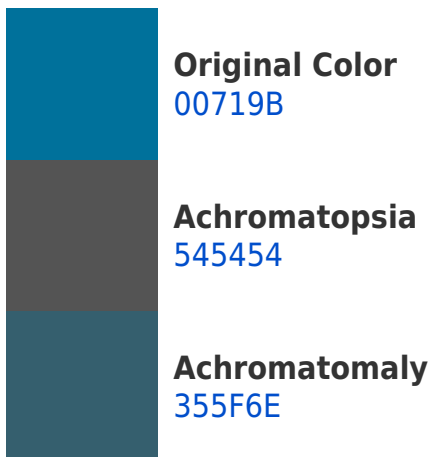


Tritanopia
00757E

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #00719B colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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