

Converting Colors

Hex(00799A)

Have a look what the booklet for
Hex(00799A) contains.

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Color

Hex(00799A)

Conversions

Conversions Part 1

Format	Color
Hex	00799A
RGB	0, 121, 154
RGB Percent	0%, 47%, 60%
CMY	1.0000, 0.5255, 0.3961
CMYK	1.00, 0.21, 0.00, 0.40
HSL	193°, 100%, 30%
HSV	193°, 100%, 60%
XYZ	12.6701, 16.0078, 32.9939
YIQ	88.5830, -82.7090, -15.3890

Conversions

Conversions Part 2

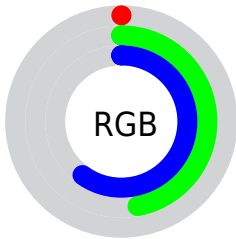
Format	Color
RYB	0, 68, 154
Decimal	31130
CIELab	46.98, -16.07, -25.74
CIELCh	47, 30.344, 238.025
Yxy	16.0078, 0.2054, 0.2596
Android (android.graphics.Color)	4278221210 (0xFF00799A)
YUV	88.5830, 32.2506, -77.6873
Hunter-Lab	40.0098, -13.4906, -20.8864

Details

The Hex color **00799A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9A2100**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **56ADD1**, and **004867** is the 20% darker color. If you saturate the color by 10%, you get **00799A**, and if you desaturate by 10%, it is **0F7C9A**.

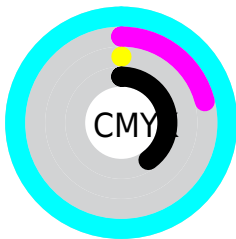
Distribution



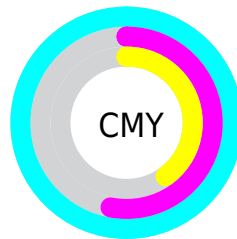
- Red (0%)
- Green (47%)
- Blue (60%)



- Red (0%)
- Yellow (27%)
- Blue (60%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00799A 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 00799A by changing the saturation by 10% instead.

 00799A

 00799A

FFFFFF

 006080

 56ADD1

 004867

 74C9ED

 00324F

 91E5FF

 001E37

 AEFFFF

 000222

 CCFFFF

 000008

 EAFFFF

 000000

 00799A

 0F7C9A

 1F809A

 2E839A

 3E869A

 4D8A9A

 5C8D9A

 6C909A

 7B939A

 8B979A

Harmonies

Analogous

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



007C86



00799A



4572A2

Triad

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



00799A



9E5B72



677541

Complementary

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



00799A



9A2100

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.



816D3C



00799A



A05D59

Square

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



00799A



8E608B



956445



497A54

Rectangle

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



00799A



636DA0



956445



70733E

Sweetspot

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



00799A



8DBCC9



009A1F



415E66



E6E6E6



666666

Same Dimension

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



00799A



009EC9



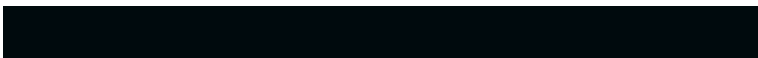
002E9A



454B4D



006E8C



000A0D

Inverse Universe

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



9A0079



C9009E



9A6C00



4D454B



8C006E



0D000A

Previews

White Background



This preview shows how the Hex color 00799A looks on a white background.

Color Contrast Check

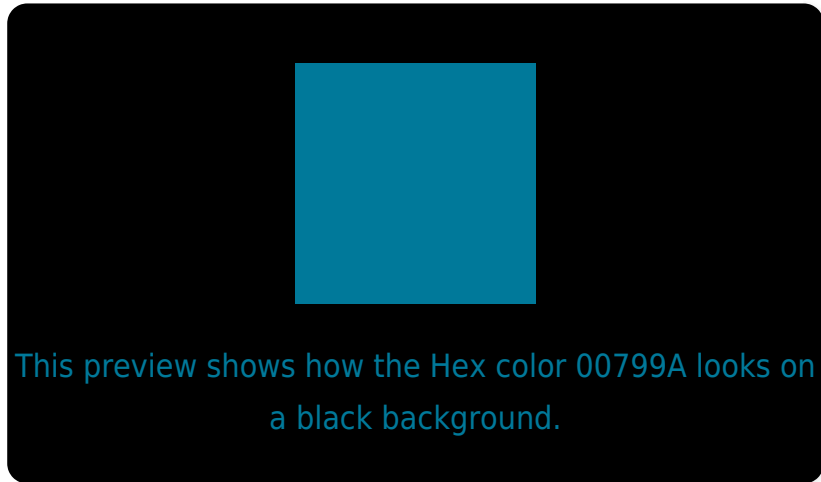
Large Text (above 18pt) WCAG AA ✓ Pass

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

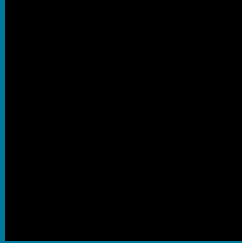
Any Text WCAG AA × Fail

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 00799A Background



This preview shows how black text looks on a background with the Hex color 00799A.

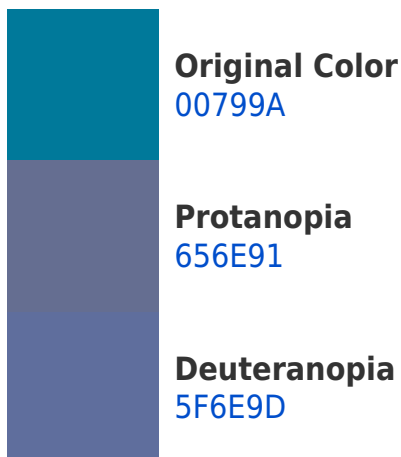


This preview shows how white text looks on a background with the Hex color 00799A.

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
007C85

Trichromacy



Original Color
00799A

Protanomaly
407294

Deuteranomaly
3C729C

Tritanomaly
007B8D

Monochromacy



Original Color
00799A

Achromatopsia
595959

Achromatomaly
396571

CSS Examples

Text

The CSS property to change the color of the text to Hex 00799A 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 #00799A looks like.

```
.text, #text, p{  
    color:#00799A  
}
```

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 #00799A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00799A
}
```

Border

The CSS property to change the border of an element to Hex 00799A 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
#00799A }
```

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

```
.border{ border-color:#00799A }
```

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

Here you see how a box with a 4 pixel #00799A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00799A; -webkit-box-shadow:4px 4px  
4px 4px #00799A; box-shadow:4px 4px 4px  
4px #00799A }
```

Background

The CSS property to change the background color of an element to Hex 00799A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00799A }
```

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

```
.background{ background-color:#00799A }
```

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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