

Converting Colors

Hex(00829C)

Have a look what the booklet for
Hex(00829C) contains.

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Color

Hex(00829C)

Conversions

Conversions Part 1

Format	Color
Hex	00829C
RGB	0, 130, 156
RGB Percent	0%, 51%, 61%
CMY	1.0000, 0.4902, 0.3882
CMYK	1.00, 0.17, 0.00, 0.39
HSL	190°, 100%, 31%
HSV	190°, 100%, 61%
XYZ	13.9834, 18.3656, 34.2604
YIQ	94.0940, -85.8260, -19.4740

Conversions

Conversions Part 2

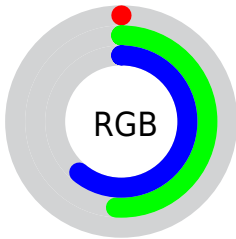
Format	Color
RYB	0, 71, 156
Decimal	33436
CIELab	49.94, -20.26, -22.35
CIELCh	50, 30.162, 227.812
Yxy	18.3656, 0.2099, 0.2757
Android (android.graphics.Color)	4278223516 (0xFF00829C)
YUV	94.0940, 30.5197, -82.5204
Hunter-Lab	42.8551, -16.7527, -17.4007

Details

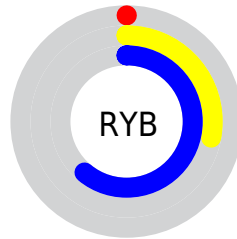
The Hex color **00829C** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9C1A00**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **58B7D3**, and **005069** is the 20% darker color. If you saturate the color by 10%, you get **00829C**, and if you desaturate by 10%, it is **10859C**.

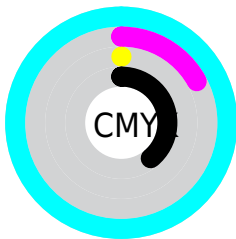
Distribution



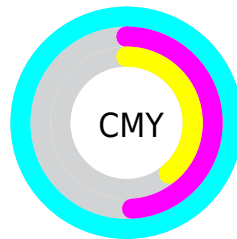
- Red (0%)
- Green (51%)
- Blue (61%)



- Red (0%)
- Yellow (28%)
- Blue (61%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00829C 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 00829C by changing the saturation by 10% instead.

 00829C

 00829C

FFFFFF

 006982

 58B7D3

 005069

 76D3EF

 003950

 93EFFF

 002439

 B0FFFF

 000224

 CEFFFF

 00000C

 ECFFFF

 000000

 00829C

 10859C

 1F879C

 2F8A9C

 3E8C9C

 4E8F9C

 5E929C

 6D949C

 7D979C

 8C999C

Harmonies

Analogous

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



098486



00829C



3D7CA8

Triad

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



00829C



A26482



787A45

Complementary

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



00829C



9C1A00

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.



917245



00829C



A96368

Square

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



00829C



8D6B99



A26952



5B8053

Rectangle

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



00829C



5C77A9



A26952



817743

Sweetspot

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



00829C



8FC2CC



009C1A



416066



E6E6E6



666666

Same Dimension

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



00829C



00AACC



00349C



474E4F



00778F



000D0F

Inverse Universe

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



9C0082



CC00AA



9C6800



4F474E



8F0077



0F000D

Previews

White Background



This preview shows how the Hex color 00829C looks on a white background.

Color Contrast Check

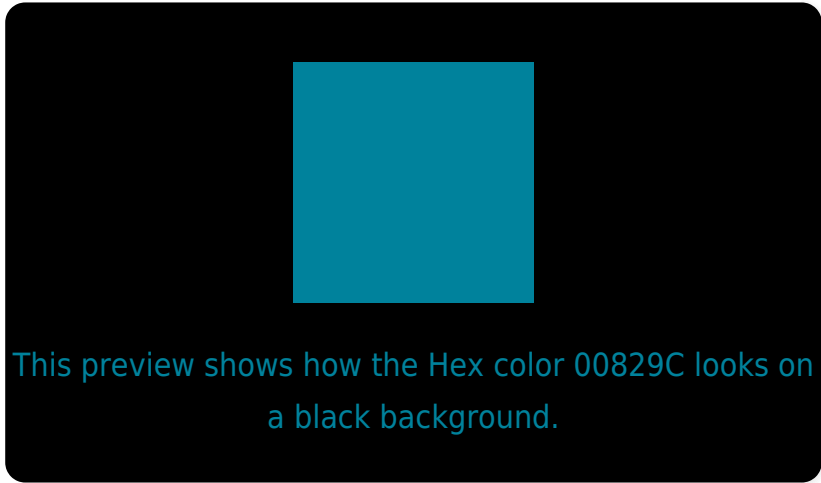
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

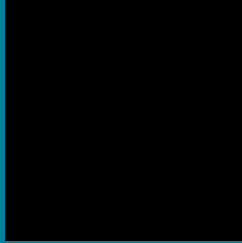
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00829C Background



This preview shows how black text looks on a background with the Hex color 00829C.

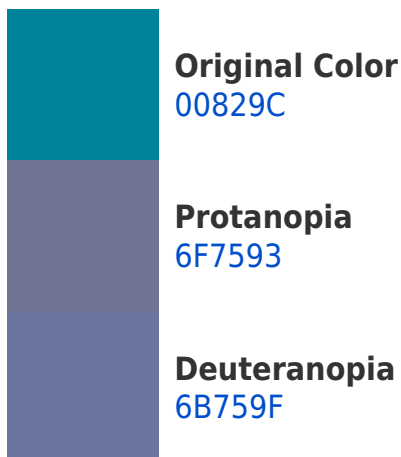


This preview shows how white text looks on a background with the Hex color 00829C.

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
00848E

Trichromacy



Original Color
00829C



Protanomaly
477A96



Deuteranomaly
447A9E



Tritanomaly
008393

Monochromacy



Original Color
00829C



Achromatopsia
5E5E5E



Achromatomaly
3C6B75

CSS Examples

Text

The CSS property to change the color of the text to Hex 00829C 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 #00829C looks like.

```
.text, #text, p{  
    color:#00829C  
}
```

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 #00829C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00829C
}
```

Border

The CSS property to change the border of an element to Hex 00829C 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
#00829C }
```

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

```
.border{ border-color:#00829C }
```

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

Here you see how a box with a 4 pixel #00829C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00829C; -webkit-box-shadow:4px 4px  
4px 4px #00829C; box-shadow:4px 4px 4px  
4px #00829C }
```

Background

The CSS property to change the background color of an element to Hex 00829C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00829C }
```

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

```
.background{ background-color:#00829C }
```

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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