

Converting Colors

Hex(0A8199)

Have a look what the booklet for
Hex(0A8199) contains.

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Color

Hex(0A8199)

Conversions

Conversions Part 1

Format	Color
Hex	0A8199
RGB	10, 129, 153
RGB Percent	4%, 51%, 60%
CMY	0.9608, 0.4941, 0.4000
CMYK	0.93, 0.16, 0.00, 0.40
HSL	190°, 88%, 32%
HSV	190°, 93%, 60%
XYZ	13.7252, 18.0650, 32.9005
YIQ	96.1550, -78.6280, -17.7640

Conversions

Conversions Part 2

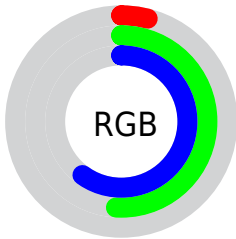
Format	Color
RYB	10, 75, 153
Decimal	688537
CIELab	49.57, -20.33, -21.15
CIELCh	50, 29.335, 226.128
Yxy	18.0650, 0.2122, 0.2793
Android (android.graphics.Color)	4278878617 (0xFF0A8199)
YUV	96.1550, 28.0246, -75.5579
Hunter-Lab	42.5029, -16.7381, -16.1430

Details

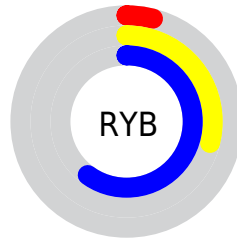
The Hex color **0A8199** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **99220A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **59B6CF**, and **004F66** is the 20% darker color. If you saturate the color by 10%, you get **007F99**, and if you desaturate by 10%, it is **198499**.

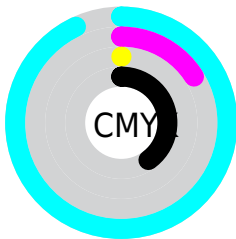
Distribution



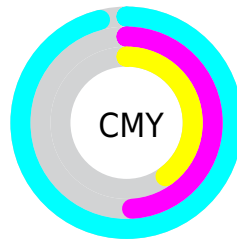
- Red (4%)
- Green (51%)
- Blue (60%)



- Red (4%)
- Yellow (29%)
- Blue (60%)



- Cyan (93%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (96%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A8199 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 0A8199 by changing the saturation by 10% instead.

 0A8199

 0A8199

FFFFFF

 00687F

 59B6CF

 004F66

 77D2EC

 00384E

 94EEFF

 002337

 B1FFFF

 000222

 CFFFFFF

 000008

 EDFFFF

 000000

 0A8199

 0A8199

 007F99

 198499

■ 298699

■ 388999

■ 478B99

■ 568E99

■ 669099

■ 759399

■ 849699

■ 949899

Harmonies

Analogous

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



158383



0A8199



3C7CA6

Triad

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



0A8199



9F6482



797945

Complementary

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



0A8199



99220A

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.



907046



0A8199



A76369

Square

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



0A8199



896B99



A16853



5D7F52

Rectangle

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



0A8199



5A77A7



A16853



817644

Sweetspot

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



0A8199



8FBEC7



0A9922



425E63



E3E3E3



636363

Same Dimension

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



0A8199



00A6C7



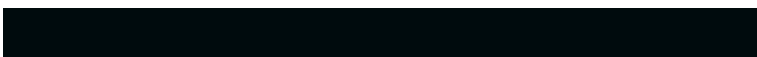
0A3A99



454B4D



00758C



000B0D

Inverse Universe

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



990A81



C700A6



99690A



4D454B



8C0075



0D000B

Previews

White Background



This preview shows how the Hex color 0A8199 looks on a white background.

Color Contrast Check

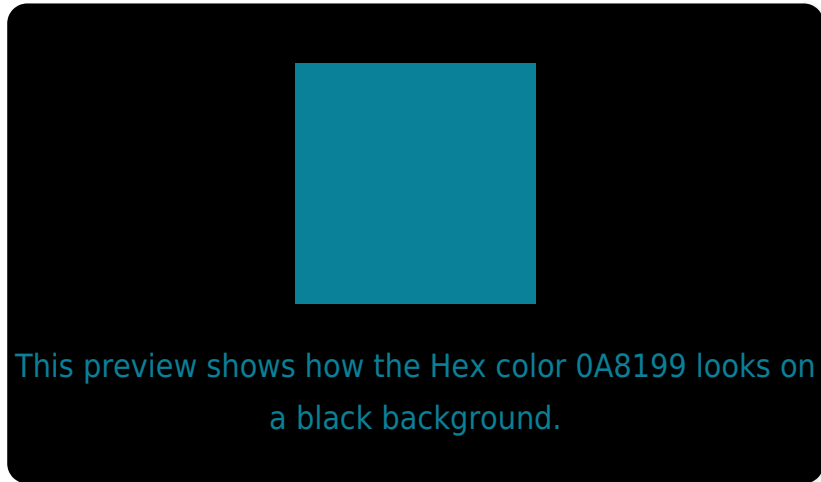
Large Text (above 18pt) WCAG AA ✓ Pass

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

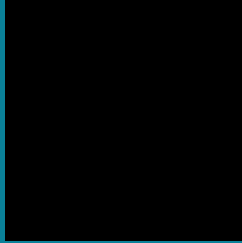
Any Text WCAG AA ✓ Pass

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 0A8199 Background



This preview shows how black text looks on a background with the Hex color 0A8199.

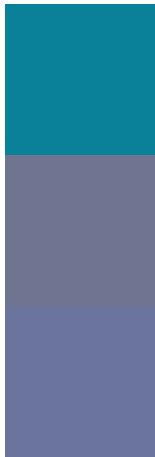


This preview shows how white text looks on a background with the Hex color 0A8199.

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



Original Color
0A8199

Protanopia
6F7490

Deuteranopia
6B749C



Tritanopia
00828D

Trichromacy



Original Color
0A8199



Protanomaly
4A7993



Deuteranomaly
48799B



Tritanomaly
048291

Monochromacy



Original Color
0A8199



Achromatopsia
606060



Achromatomaly
416C75

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A8199 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 #0A8199 looks like.

```
.text, #text, p{  
    color:#0A8199  
}
```

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 #0A8199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A8199
}
```

Border

The CSS property to change the border of an element to Hex 0A8199 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
#0A8199 }
```

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

```
.border{ border-color:#0A8199 }
```

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

Here you see how a box with a 4 pixel #0A8199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A8199; -webkit-box-shadow:4px 4px  
4px 4px #0A8199; box-shadow:4px 4px 4px  
4px #0A8199 }
```

Background

The CSS property to change the background color of an element to Hex 0A8199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A8199 }
```

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

```
.background{ background-color:#0A8199 }
```

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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