

Converting Colors

Hex(0199A7)

Have a look what the booklet for
Hex(0199A7) contains.

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Color

Hex(0199A7)

Conversions

Conversions Part 1

Format	Color
Hex	0199A7
RGB	1, 153, 167
RGB Percent	0%, 60%, 65%
CMY	0.9961, 0.4000, 0.3451
CMYK	0.99, 0.08, 0.00, 0.35
HSL	185°, 99%, 33%
HSV	185°, 99%, 65%
XYZ	18.3788, 25.5789, 40.5278
YIQ	109.1480, -95.0860, -27.8700

Conversions

Conversions Part 2

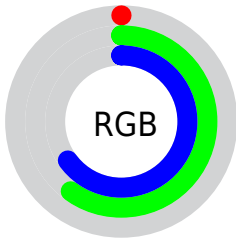
Format	Color
RYB	1, 80, 167
Decimal	104871
CIELab	57.64, -28.26, -16.91
CIELCh	58, 32.934, 210.894
Yxy	25.5789, 0.2175, 0.3028
Android (android.graphics.Color)	4278294951 (0xFF0199A7)
YUV	109.1480, 28.5210, -94.8458
Hunter-Lab	50.5756, -23.6418, -12.1079

Details

The Hex color **0199A7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A70F01**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5DD0DE**, and **006573** is the 20% darker color. If you saturate the color by 10%, you get **0099A7**, and if you desaturate by 10%, it is **129AA7**.

Distribution



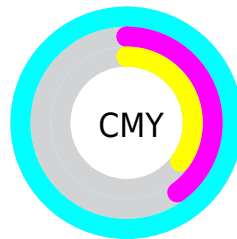
- Red (0%)
- Green (60%)
- Blue (65%)



- Red (0%)
- Yellow (31%)
- Blue (65%)



- Cyan (99%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0199A7 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 0199A7 by changing the saturation by 10% instead.

0199A7

0199A7

FFFFFF

007F8D

5DD0DE

006573

7CECFB

004D5A

9AFFFF

003643

B8FFFF

00222D

D6FFFF

000119

F4FFFF

000000

0199A7

0199A7

0099A7

129AA7

■ 229CA7

■ 339DA7

■ 449FA7

■ 54A0A7

■ 65A1A7

■ 76A3A7

■ 87A4A7

■ 97A6A7

Harmonies

Analogous

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



339A8A



0199A7



2C95BC

Triad

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



0199A7



AF79A7



9C8950

Complementary

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



0199A7



A70F01

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.



B47F59



0199A7



C0748B

Square

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



0199A7



8F83BC



C1776E



7E9258

Rectangle

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



0199A7



5090C3



C1776E



A58651

Sweetspot

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



0199A7



98D3D9



01A70F



466A6E



EDEDED



6E6E6E

Same Dimension

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



0199A7



00C6D9



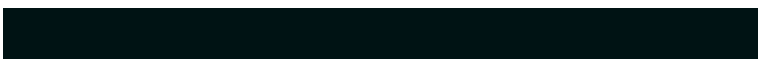
0146A7



4C5354



008794



001314

Inverse Universe

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



A70199



D900C6



A76201



544C53



940087



140013

Previews

White Background



This preview shows how the Hex color 0199A7 looks on a white background.

Color Contrast Check

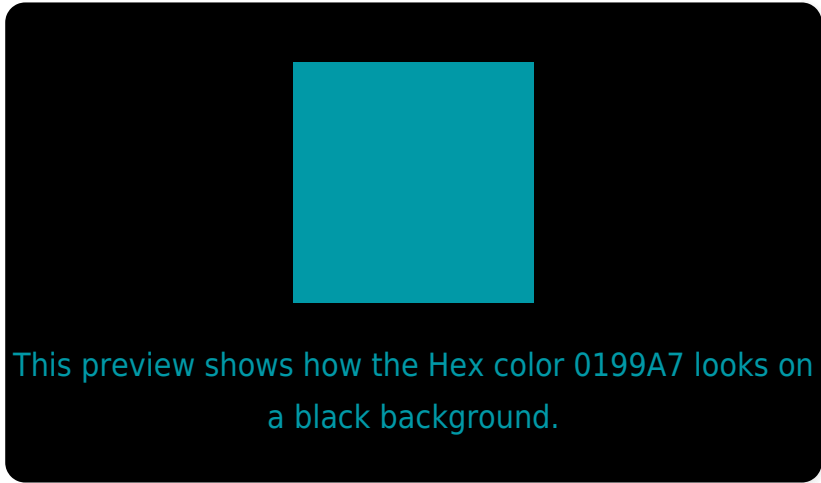
Large Text (above 18pt) WCAG AA ✓ Pass

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

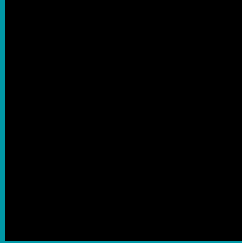
Any Text WCAG AA ✓ Pass

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 0199A7 Background



This preview shows how black text looks on a background with the Hex color 0199A7.

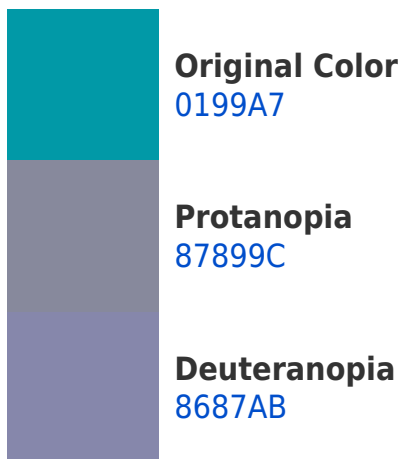


This preview shows how white text looks on a background with the Hex color 0199A7.

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](#).

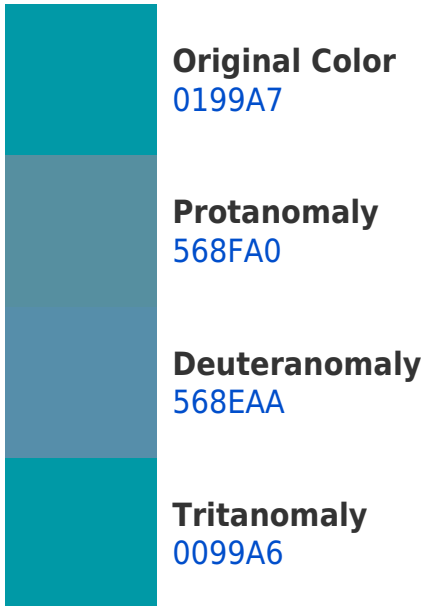
Dichromacy



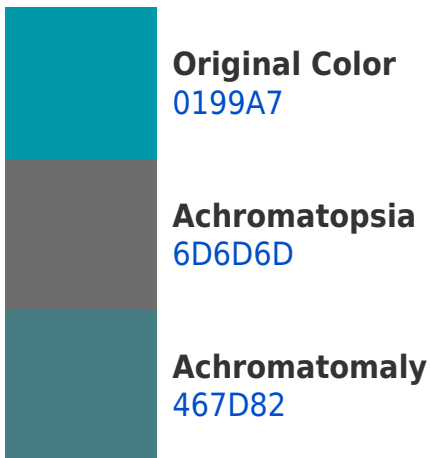


Tritanopia
0099A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0199A7 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 #0199A7 looks like.

```
.text, #text, p{  
    color:#0199A7  
}
```

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 #0199A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0199A7
}
```

Border

The CSS property to change the border of an element to Hex 0199A7 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
#0199A7 }
```

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

```
.border{ border-color:#0199A7 }
```

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

Here you see how a box with a 4 pixel #0199A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0199A7; -webkit-box-shadow:4px 4px  
4px 4px #0199A7; box-shadow:4px 4px 4px  
4px #0199A7 }
```

Background

The CSS property to change the background color of an element to Hex 0199A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0199A7 }
```

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

```
.background{ background-color:#0199A7 }
```

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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