

Converting Colors

Hex(3199A1)

Have a look what the booklet for
Hex(3199A1) contains.

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Color

Hex(3199A1)

Conversions

Conversions Part 1

Format	Color
Hex	3199A1
RGB	49, 153, 161
RGB Percent	19%, 60%, 63%
CMY	0.8078, 0.4000, 0.3686
CMYK	0.70, 0.05, 0.00, 0.37
HSL	184°, 53%, 41%
HSV	184°, 70%, 63%
XYZ	19.0909, 26.0086, 37.7322
YIQ	122.8160, -64.5520, -19.5600

Conversions

Conversions Part 2

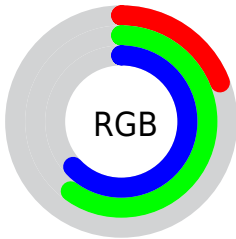
Format	Color
R _Y B	49, 103, 161
Decimal	3250593
CIE Lab	58.05, -26.34, -12.82
CIE LCh	58, 29.294, 205.944
Yxy	26.0086, 0.2305, 0.3140
Android (android.graphics.Color)	4281440673 (0xFF3199A1)
YUV	122.8160, 18.8247, -64.7366
Hunter-Lab	50.9987, -22.4279, -8.1676




Details

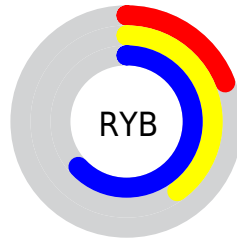
The Hex color **3199A1** is a dark color, and the **websafe** version is hex **339999**. A complement of this color would be **A13931**, and the grayscale version is **7B7B7B**.




A 20% lighter version of the original color is **6FD0D8**, and **00656E** is the 20% darker color. If you saturate the color by 10%, you get **2198A1**, and if you desaturate by 10%, it is **419AA1**.

Distribution







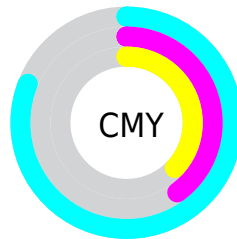
-  Red (19%)
-  Green (60%)
-  Blue (63%)






-  Red (19%)
-  Yellow (40%)
-  Blue (63%)



-  Cyan (70%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (37%)



-  Cyan (81%)
-  Magenta (40%)
-  Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3199A1 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 3199A1 by changing the saturation by 10% instead.

3199A1
51B4BC
6FD0D8
8CECF4
A9FFFF
C6FFFF
E4FFFF
FFFFFF

3199A1
007F87
00656E
004D55
00363E
002228
000114
000000

3199A1
2198A1
1197A1
0196A1
0096A1

3199A1
419AA1
519BA1
619CA1
719EA1
829FA1
92A0A1
A2A1A1

 B2A2A1

 C2A3A1

Harmonies

Analogous

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



499987



3199A1



3D96B5

Triad

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



3199A1



A97DA9



A08958

Complementary

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



3199A1



A13931

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.



B48062



3199A1



BA7890

Square

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



3199A1



8A86B9



BE7976



86915D

Rectangle

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



3199A1



5592BD



BE7976



A8865A

Sweetspot

The sweet spot groups the original color and five complimentary colors.



3199A1



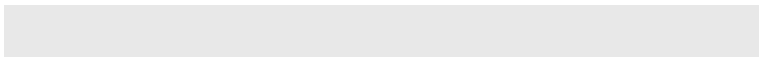
A5CED1



31A138



4E6769



E8E8E8



696969

Previews

White Background



This preview shows how the Hex color 3199A1 looks on a white background.

Color Contrast Check

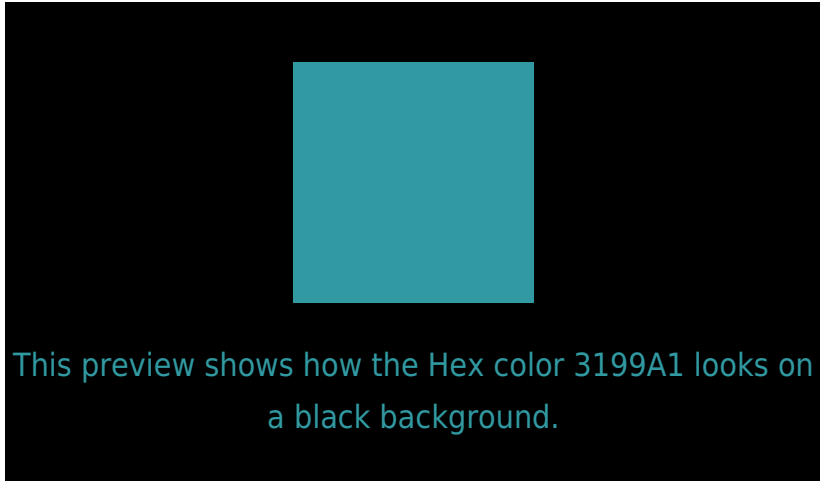
Large Text (above 18pt) WCAG AA ✓ Pass

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 3199A1 Background



This preview shows how black text looks on a background with the Hex color 3199A1.

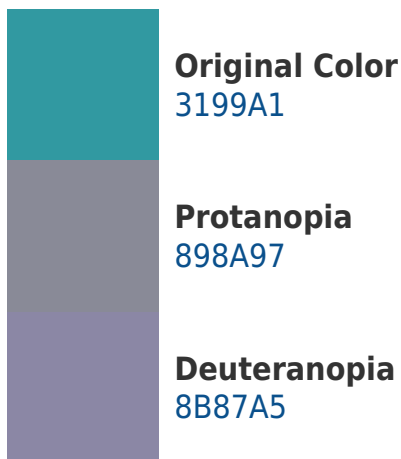


This preview shows how white text looks on a background with the Hex color 3199A1.

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](#).

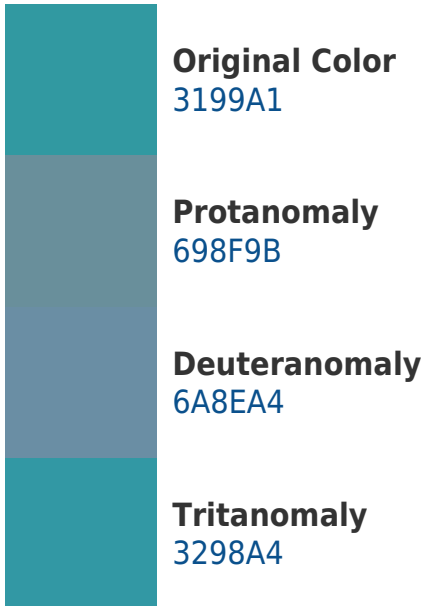
Dichromacy



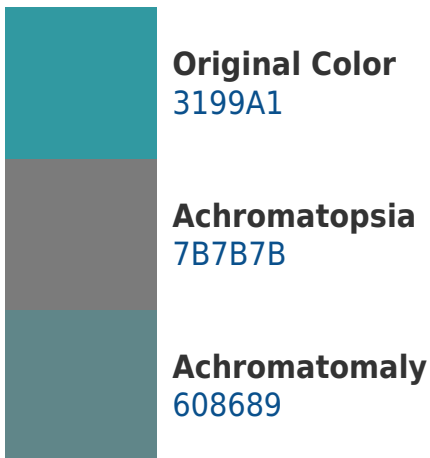


Tritanopia
3398A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3199A1 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 #3199A1 looks like.

```
.text, #text, p{  
    color:#3199A1  
}
```


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 #3199A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3199A1
}
```

Border

The CSS property to change the border of an element to Hex 3199A1 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
#3199A1 }
```

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

```
.border{ border-color:#3199A1 }
```

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

Here you see how a box with a 4 pixel #3199A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3199A1; -webkit-box-shadow:4px 4px  
4px 4px #3199A1; box-shadow:4px 4px 4px  
4px #3199A1 }
```

Background

The CSS property to change the background color of an element to Hex 3199A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3199A1 }
```

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

```
.background{ background-color:#3199A1 }
```

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](#).

Hey! You found this booklet interesting? Have a look at my other booklet **HOWCOLORS.WORK – A CSS color notation guide.**



HOWCOLORS.WORK

A CSS color notation guide.

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.

You will learn all the current and new ways to express colors to prepare yourself for the future!

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