

Converting Colors

Hex(3198A1)

Have a look what the booklet for
Hex(3198A1) contains.

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Color

Hex(3198A1)

Conversions

Conversions Part 1

Format	Color
Hex	3198A1
RGB	49, 152, 161
RGB Percent	19%, 60%, 63%
CMY	0.8078, 0.4039, 0.3686
CMYK	0.70, 0.06, 0.00, 0.37
HSL	185°, 53%, 41%
HSV	185°, 70%, 63%
XYZ	18.9279, 25.6826, 37.6779
YIQ	122.2290, -64.2770, -19.0370

Conversions

Conversions Part 2

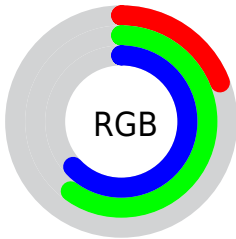
Format	Color
RYB	49, 103, 161
Decimal	3250337
CIELab	57.73, -25.84, -13.28
CIElCh	58, 29.053, 207.208
Yxy	25.6826, 0.2300, 0.3121
Android (android.graphics.Color)	4281440417 (0xFF3198A1)
YUV	122.2290, 19.1141, -64.2218
Hunter-Lab	50.6781, -22.0181, -8.6060




Details

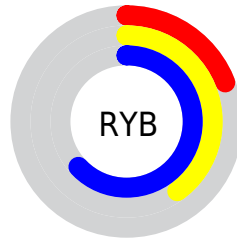
The Hex color **3198A1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A13A31**, and the grayscale version is **7A7A7A**.




A 20% lighter version of the original color is **6FCFD8**, and **00656D** is the 20% darker color. If you saturate the color by 10%, you get **2197A1**, and if you desaturate by 10%, it is **4199A1**.

Distribution







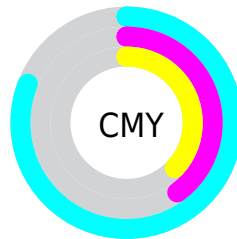
-  Red (19%)
-  Green (60%)
-  Blue (63%)






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



-  Cyan (70%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3198A1 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 3198A1 by changing the saturation by 10% instead.

■ 3198A1

■ 3198A1

FFFFFF

■ 007E87

■ 6FCFD8

■ 00656D

■ 8CEBF4

■ 004C55

■ A9FFFF

■ 00353E

■ C6FFFF

■ 002128

■ E4FFFF

■ 000114

■ 000000

■ 3198A1

■ 3198A1

■ 2197A1

■ 4199A1

■ 1195A1

■ 519BA1

■ 0194A1

■ 619CA1

■ 0094A1

■ 719DA1

■ 829EA1

■ 92A0A1

■ A2A1A1

■ B2A2A1

■ C2A4A1

Harmonies

Analogous

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



489887



3198A1



3E94B5

Triad

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



3198A1



A97CA7



9E8858

Complementary

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



3198A1



A13A31

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.



B28061



3198A1



BA788E

Square

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



3198A1



8B85B8



BC7975



84905D

Rectangle

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



3198A1



5790BC



BC7975



A68559

Sweetspot

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



3198A1



A5CED1



31A138



4E6669



E8E8E8



696969

Same Dimension

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



3198A1



24C3D1



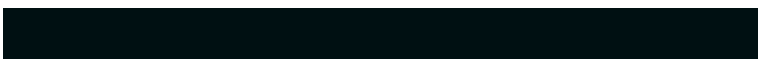
3162A1



495152



008691



001012

Inverse Universe

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



A13198



D124C3



A17031



524951



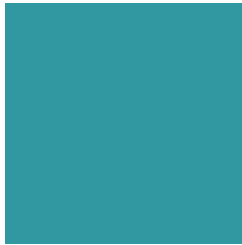
910086



120010

Previews

White Background



This preview shows how the Hex color 3198A1 looks on a white background.

Color Contrast Check

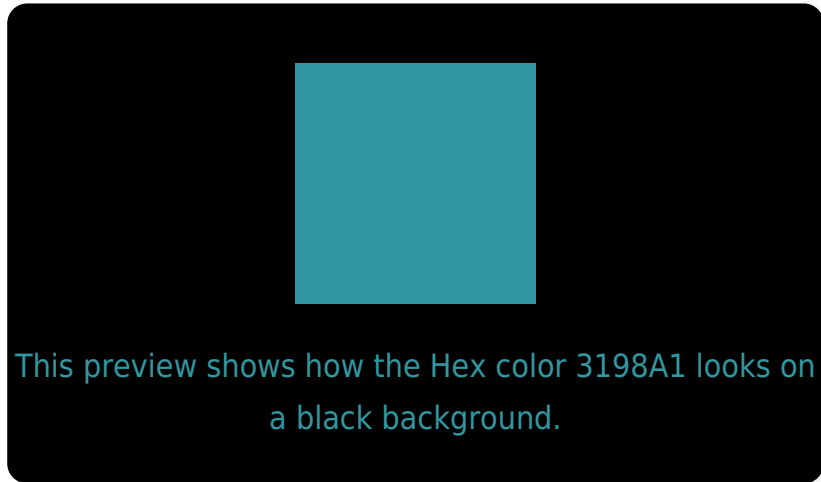
Large Text (above 18pt) WCAG AA ✓ Pass

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 3198A1 Background



This preview shows how black text looks on a background with the Hex color 3198A1.

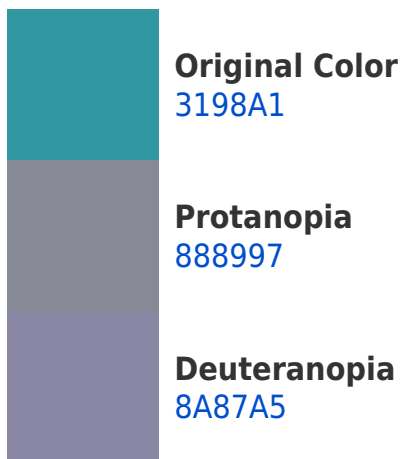


This preview shows how white text looks on a background with the Hex color 3198A1.

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](#).

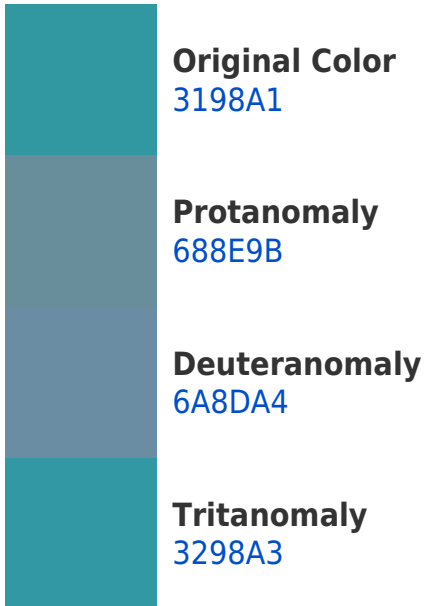
Dichromacy





Tritanopia
3398A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3198A1 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 #3198A1 looks like.

```
.text, #text, p{  
    color:#3198A1  
}
```

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 #3198A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3198A1  
}
```

Border

The CSS property to change the border of an element to Hex 3198A1 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  
#3198A1 }
```

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

```
.border{ border-color:#3198A1 }
```

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

Here you see how a box with a 4 pixel #3198A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3198A1; -webkit-box-shadow:4px 4px  
4px 4px #3198A1; box-shadow:4px 4px 4px  
4px #3198A1 }
```

Background

The CSS property to change the background color of an element to Hex 3198A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3198A1 }
```

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

```
.background{ background-color:#3198A1 }
```

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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