

# Converting Colors

Hex(4198A1)

Have a look what the booklet for  
Hex(4198A1) contains.

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# Color

**Hex(4198A1)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4198A1                       |
| RGB         | 65, 152, 161                 |
| RGB Percent | 25%, 60%, 63%                |
| CMY         | 0.7451, 0.4039, 0.3686       |
| CMYK        | 0.60, 0.06, 0.00, 0.37       |
| HSL         | 186°, 42%, 44%               |
| HSV         | 186°, 60%, 63%               |
| XYZ         | 19.8412, 26.1535, 37.7206    |
| YIQ         | 127.0130, -54.7410, -15.6450 |

# Conversions

## Conversions Part 2

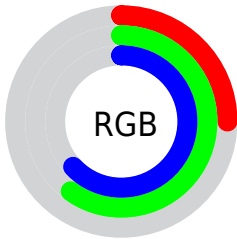
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 65, 111, 161                   |
| Decimal                             | 4298913                        |
| CIELab                              | 58.18, -23.15, -12.56          |
| CIElCh                              | 58, 26.336, 208.495            |
| Yxy                                 | 26.1535, 0.2370,<br>0.3124     |
| Android<br>(android.graphics.Color) | 4282488993<br>(0xFF4198A1)     |
| YUV                                 | 127.0130, 16.7556,<br>-54.3854 |
| Hunter-Lab                          | 51.1405, -20.2423,<br>-7.9332  |

# Details

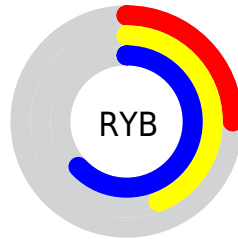
The Hex color **4198A1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A14A41**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **7ACFD8**, and **00656D** is the 20% darker color. If you saturate the color by 10%, you get **3196A1**, and if you desaturate by 10%, it is **519AA1**.

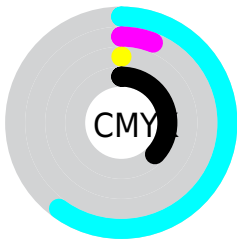
# Distribution



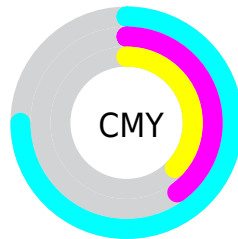
- Red (25%)
- Green (60%)
- Blue (63%)



- Red (25%)
- Yellow (44%)
- Blue (63%)



- Cyan (60%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (75%)
- Magenta (40%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4198A1 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 4198A1 by changing the saturation by 10% instead.



 4198A1

 4198A1

FFFFFF

 207E87

 7ACFD8

 00656D

 97EBF4

 004C55

 B3FFFF

 00353E

 D0FFFF

 002128


 EEEFFF

 000114

 000000

 4198A1

 4198A1

 3196A1

 519AA1

■ 2195A1

■ 619BA1

■ 1193A1

■ 719DA1

■ 0192A1

■ 819EA1

■ 0092A1

■ 92A0A1

■ A2A1A1

■ B2A3A1

■ C2A4A1

■ D2A6A1

# Harmonies

## Analogous

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



50988A



4198A1



4D95B2

# Triad

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



4198A1



A87FA4



9D8A5E

# Complementary

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



4198A1



A14A41

# 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.



B08265



4198A1



B77B8E

# Square

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



4198A1



8D86B4



B97C77



859163

# Rectangle

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



4198A1



6091B9



B97C77



A4875F



# Sweetspot

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



4198A1



ABCED1



41A149



526669



E8E8E8



696969



# Same Dimension

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



4198A1



3BC3D1



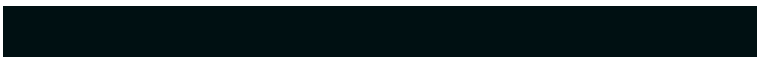
4169A1



495152



008491



001012



# Inverse Universe

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



A14198



D13BC3



A17941



524951



910084

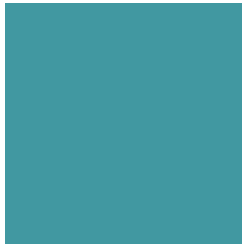


120010



# Previews

## White Background



This preview shows how the Hex color 4198A1 looks on a white background.

## Color Contrast Check

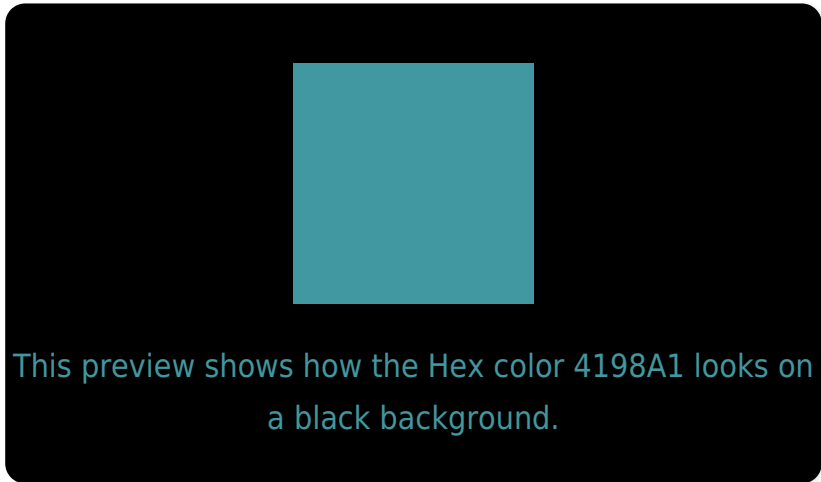
Large Text (above 18pt) WCAG AA ✓ Pass

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

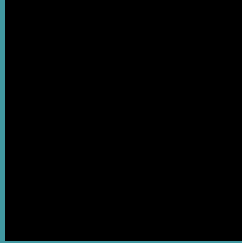
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4198A1 Background



This preview shows how black text looks on a background with the Hex color 4198A1.

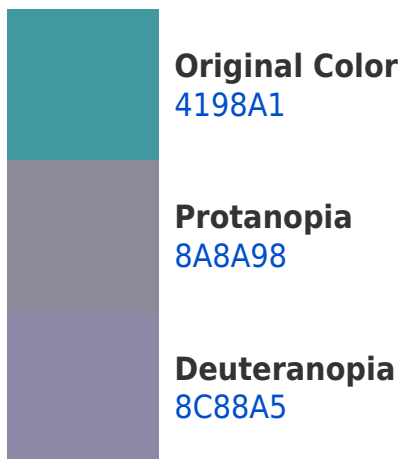


This preview shows how white text looks on a background with the Hex color 4198A1.

# 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



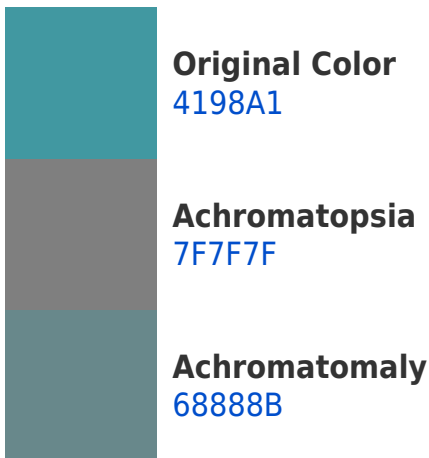


**Tritanopia**  
4298A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4198A1 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 #4198A1 looks like.

```
.text, #text, p{  
    color:#4198A1  
}
```

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 #4198A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4198A1
}
```

## Border

The CSS property to change the border of an element to Hex 4198A1 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
#4198A1 }
```

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

```
.border{ border-color:#4198A1 }
```

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

Here you see how a box with a 4 pixel #4198A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4198A1; -webkit-box-shadow:4px 4px  
4px 4px #4198A1; box-shadow:4px 4px 4px  
4px #4198A1 }
```

# Background

The CSS property to change the background color of an element to Hex 4198A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4198A1 }
```

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

```
.background{ background-color:#4198A1 }
```

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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