

Converting Colors

Hex(51998B)

Have a look what the booklet for
Hex(51998B) contains.

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Color

Hex(51998B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 51998B |
| RGB | 81, 153, 139 |
| RGB Percent | 32%, 60%, 55% |
| CMY | 0.6824, 0.4000, 0.4549 |
| CMYK | 0.47, 0.00, 0.09, 0.40 |
| HSL | 168°, 31%, 46% |
| HSV | 168°, 47%, 60% |
| XYZ | 19.4448, 26.3959, 28.4962 |
| YIQ | 129.8760, -38.4180, -19.6180 |

Conversions

Conversions Part 2

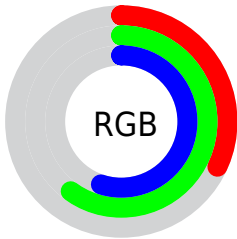
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 81, 121, 153 |
| Decimal | 5347723 |
| CIELab | 58.41, -26.12, 0.36 |
| CIELCh | 58, 26.122, 179.200 |
| Yxy | 26.3959, 0.2616, 0.3551 |
| Android (android.graphics.Color) | 4283537803 (0xFF51998B) |
| YUV | 129.8760, 4.4981, -42.8643 |
| Hunter-Lab | 51.3769, -22.3522, 3.0787 |

Details

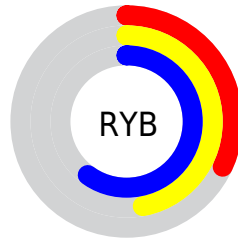
The Hex color **51998B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **99515F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **87D0C0**, and **186659** is the 20% darker color. If you saturate the color by 10%, you get **429988**, and if you desaturate by 10%, it is **60998E**.

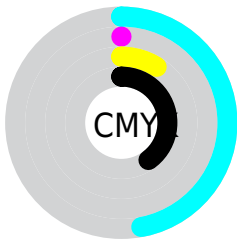
Distribution



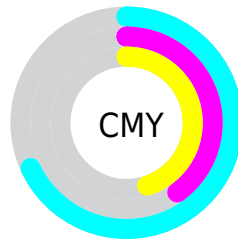
- Red (32%)
- Green (60%)
- Blue (55%)



- Red (32%)
- Yellow (47%)
- Blue (60%)



- Cyan (47%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)





- Cyan (68%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51998B 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 51998B by changing the saturation by 10% instead.

 51998B

 51998B

FFFFFF

 367F72

 87D0C0

 186659

 A2ECDC

 004D42

 BEFFF9


 00362C

 DBFFFF

 002117

 F8FFFF

 000000

 51998B

 51998B

 429988

 60998E

 329985

 709991

■ 239982

■ 7F9994

■ 14997F

■ 8E9997

■ 05997C

■ 9E999A

■ 00997B

■ AD999D

■ BC99A0

■ CB99A3

■ DB99A6

Harmonies

Analogous

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



6A9774



51998B



4398A2

Triad

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



51998B



8F87B4



B08366

Complementary

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



51998B



99515F

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.



BA7D77



51998B



A97FA4

Square

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



51998B



6E8FBA



B87B8E



9D8B5F

Rectangle

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



51998B



4896AE



B87B8E



B4816B

Sweetspot

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



51998B



ABC7C1



5F9951



536360



E3E3E3



636363

Same Dimension

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



51998B



58C7B1



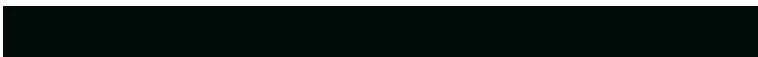
518399



454D4B



008C71



000D0A

Inverse Universe

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



99515F



C7586D



996751



4D4546



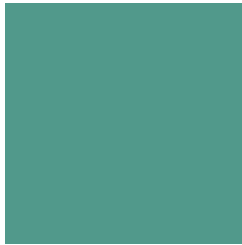
8C001B



0D0002

Previews

White Background



This preview shows how the Hex color 51998B looks on a white background.

Color Contrast Check

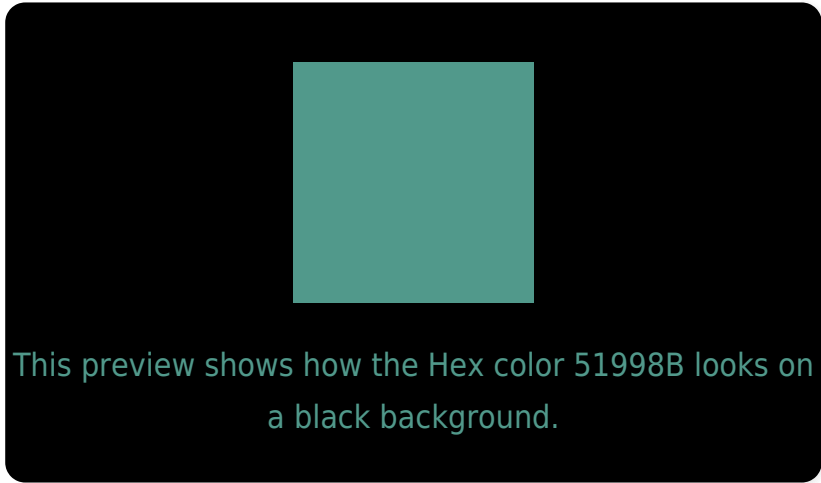
Large Text (above 18pt) WCAG AA ✓ Pass

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

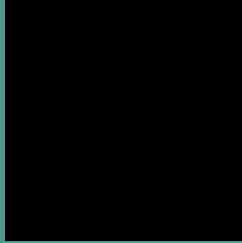
Any Text WCAG AA ✓ Pass

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 51998B Background



This preview shows how black text looks on a background with the Hex color 51998B.

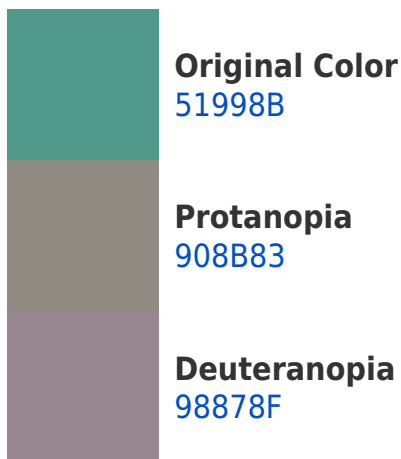



This preview shows how white text looks on a background with the Hex color 51998B.

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



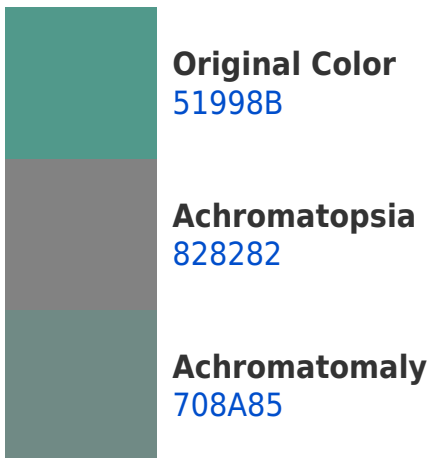


Tritanopia
5896A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51998B 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 #51998B looks like.

```
.text, #text, p{  
    color:#51998B  
}
```

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 #51998B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51998B
}
```

Border

The CSS property to change the border of an element to Hex 51998B 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
#51998B }
```

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

```
.border{ border-color:#51998B }
```

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

Here you see how a box with a 4 pixel #51998B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51998B; -webkit-box-shadow:4px 4px  
4px 4px #51998B; box-shadow:4px 4px 4px  
4px #51998B }
```

Background

The CSS property to change the background color of an element to Hex 51998B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51998B }
```

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

```
.background{ background-color:#51998B }
```

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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