

Converting Colors

Hex(51B19F)

Have a look what the booklet for
Hex(51B19F) contains.

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Color

Hex(51B19F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 51B19F |
| RGB | 81, 177, 159 |
| RGB Percent | 32%, 69%, 62% |
| CMY | 0.6824, 0.3059, 0.3765 |
| CMYK | 0.54, 0.00, 0.10, 0.31 |
| HSL | 169°, 38%, 51% |
| HSV | 169°, 54%, 69% |
| XYZ | 25.3735, 35.6968, 38.3537 |
| YIQ | 146.2440, -51.4380, -25.9500 |

Conversions

Conversions Part 2

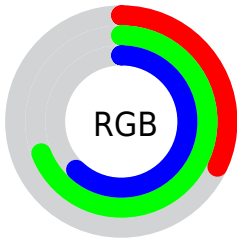
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 81, 134, 177 |
| Decimal | 5353887 |
| CIELab | 66.29, -32.74, 0.63 |
| CIELCh | 66, 32.747, 178.901 |
| Yxy | 35.6968, 0.2552, 0.3590 |
| Android (android.graphics.Color) | 4283543967 (0xFF51B19F) |
| YUV | 146.2440, 6.2887, -57.2190 |
| Hunter-Lab | 59.7468, -28.7509, 3.7623 |

Details

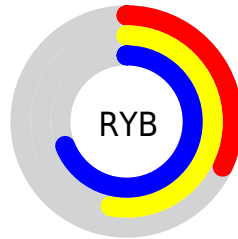
The Hex color **51B19F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B15163**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **8AE9D6**, and **077C6C** is the 20% darker color. If you saturate the color by 10%, you get **3FB19C**, and if you desaturate by 10%, it is **63B1A2**.

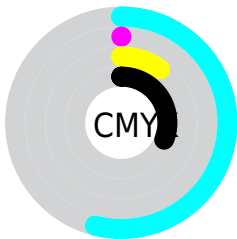
Distribution



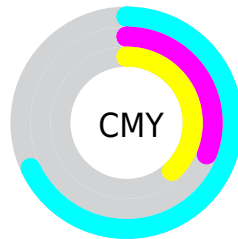
- Red (32%)
- Green (69%)
- Blue (62%)



- Red (32%)
- Yellow (53%)
- Blue (69%)



- Cyan (54%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)



- Cyan (68%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51B19F 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 51B19F by changing the saturation by 10% instead.



51B19F



51B19F

FFFFFF



339685



8AE9D6



077C6C



A6FFF2



006253



C3FFFF



004A3C



E0FFFF



003327

FEFFFF



001F12



000000



51B19F



51B19F



3FB19C



63B1A2

 2EB198

 74B1A6

 1CB195

 86B1A9

 0AB192

 98B1AC

 00B190

 AAB1B0

 BBB1B3

 CDB1B6

 DFB1BA

 F0B1BD

Harmonies

Analogous

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



75AE82



51B19F



38B0BD

Triad

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



51B19F



A39AD5



CE9570

Complementary

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



51B19F



B15163

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.



DA8D86



51B19F



C590C0

Square

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



51B19F



77A4DB



D88BA3



B69F66

Rectangle

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



51B19F



3FAECD



D88BA3



D39276

Sweetspot

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



51B19F



C1E6DF



64B151



5D736F



F2F2F2



737373

Same Dimension

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



51B19F



50E6CA



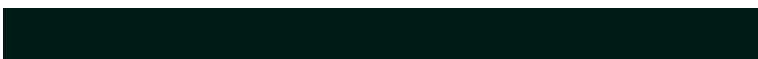
5194B1



505958



00997C



001A15

Inverse Universe

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



B15163



E6506C



B16E51



595052



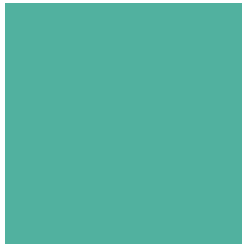
99001D



1A0005

Previews

White Background



This preview shows how the Hex color 51B19F looks on a white background.

Color Contrast Check

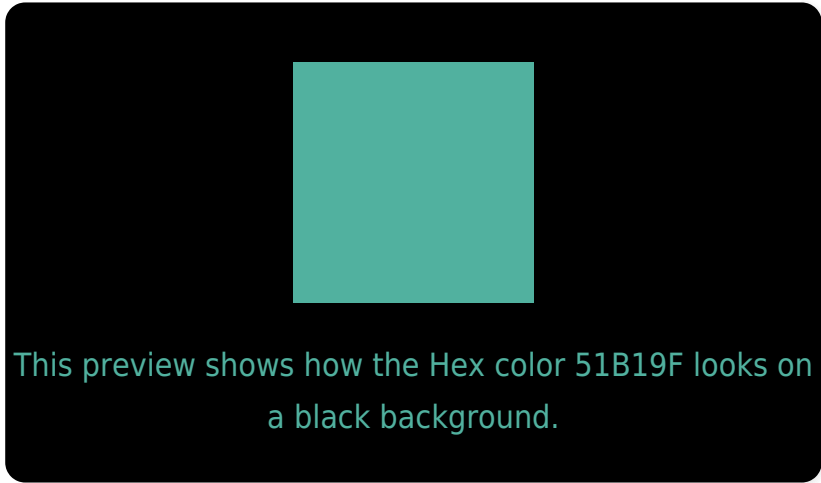
Large Text (above 18pt) WCAG AA × Fail

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

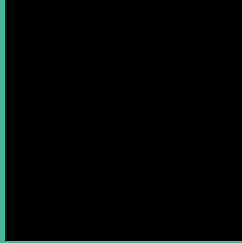
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

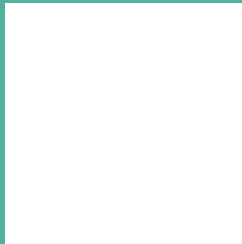
Any Text WCAG AAA ✓ Pass

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

Hex 51B19F Background



This preview shows how black text looks on a background with the Hex color 51B19F.

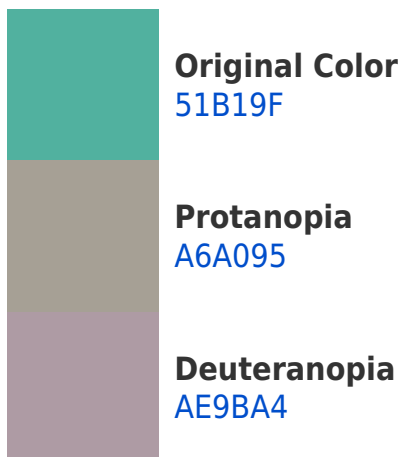


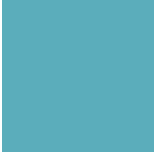
This preview shows how white text looks on a background with the Hex color 51B19F.

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](#).

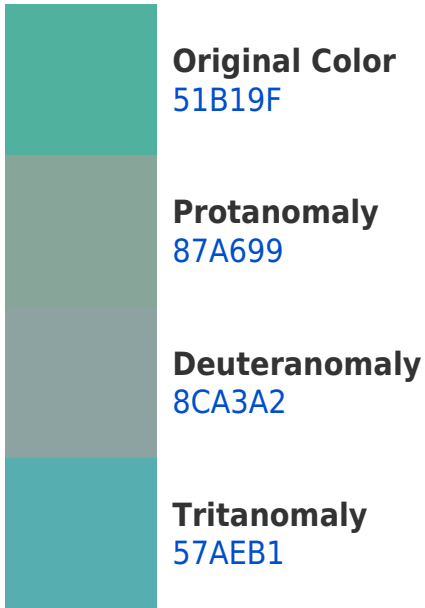
Dichromacy





Tritanopia
5BADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51B19F 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 #51B19F looks like.

```
.text, #text, p{  
    color:#51B19F  
}
```

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 #51B19F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51B19F
}
```

Border

The CSS property to change the border of an element to Hex 51B19F 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
#51B19F }
```

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

```
.border{ border-color:#51B19F }
```

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

Here you see how a box with a 4 pixel #51B19F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51B19F; -webkit-box-shadow:4px 4px  
4px 4px #51B19F; box-shadow:4px 4px 4px  
4px #51B19F }
```

Background

The CSS property to change the background color of an element to Hex 51B19F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51B19F }
```

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

```
.background{ background-color:#51B19F }
```

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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