

# Converting Colors

Hex(51A1A9)

Have a look what the booklet for  
Hex(51A1A9) contains.

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**Color**

**Hex(51A1A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51A1A9
RGB	81, 161, 169
RGB Percent	32%, 63%, 66%
CMY	0.6824, 0.3686, 0.3373
CMYK	0.52, 0.05, 0.00, 0.34
HSL	185°, 35%, 49%
HSV	185°, 52%, 66%
XYZ	23.2996, 30.1036, 42.1187
YIQ	137.9920, -50.2480, -14.4720

# Conversions

## Conversions Part 2

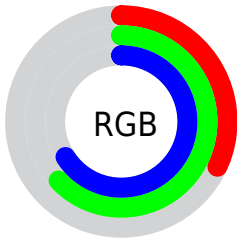
Format	Color
RYP	81, 123, 169
Decimal	5349801
CIELab	61.74, -22.18, -11.68
CIElCh	62, 25.066, 207.785
Yxy	30.1036, 0.2439, 0.3151
Android (android.graphics.Color)	4283539881 (0xFF51A1A9)
YUV	137.9920, 15.2869, -49.9820
Hunter-Lab	54.8668, -20.2154, -7.1074

# Details

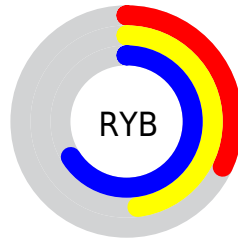
The Hex color **51A1A9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A95951**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **89D8E0**, and **0D6D75** is the 20% darker color. If you saturate the color by 10%, you get **409FA9**, and if you desaturate by 10%, it is **62A3A9**.

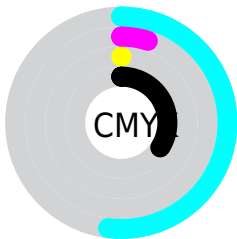
# Distribution



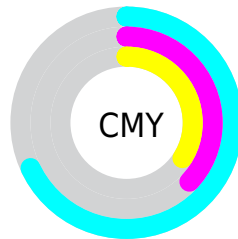
- Red (32%)
- Green (63%)
- Blue (66%)



- Red (32%)
- Yellow (48%)
- Blue (66%)



- Cyan (52%)
- Magenta (5%)
- Yellow (0%)
- Black (34%)



- Cyan (68%)
- Magenta (37%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51A1A9 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 51A1A9 by changing the saturation by 10% instead.



51A1A9

51A1A9

FFFFFF

34878F

89D8E0

0D6D75

A5F5FD

00555C

C2FFFF

003D45

DFFFFFF

00272F

FCFFFF

000D1A

000000

51A1A9

51A1A9

409FA9

62A3A9

■ 2F9EA9

■ 73A4A9

■ 1E9CA9

■ 84A6A9

■ 0D9BA9

■ 95A7A9

■ 009AA9

■ A5A9A9

■ B6AAA9

■ C7ACA9

■ D8ADA9

■ E9AFA9

# Harmonies

## Analogous

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



5EA193



51A1A9



5B9EBA

# Triad

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



51A1A9



B089AD



A79369

# Complementary

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



51A1A9



A95951

# 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.



B98C70



51A1A9



BF8598

# Square

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



51A1A9



9690BC



C28682



8F9A6D

# Rectangle

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



51A1A9



6C9AC0



C28682



AD916A



# Sweetspot

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



51A1A9



B8D8DB



51A958



596C6E



EDEDED



6E6E6E



# Same Dimension

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



51A1A9



53CFDB



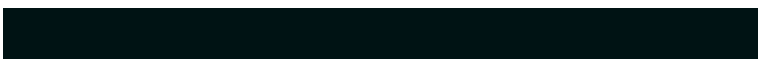
5176A9



4C5354



008694



001314



# Inverse Universe

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



A951A1



DB53CF



A98451



544C53



940086

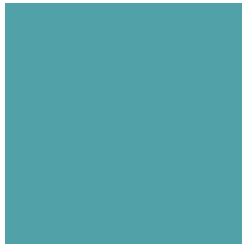


140013



# Previews

## White Background



This preview shows how the Hex color 51A1A9 looks on a white background.

## Color Contrast Check

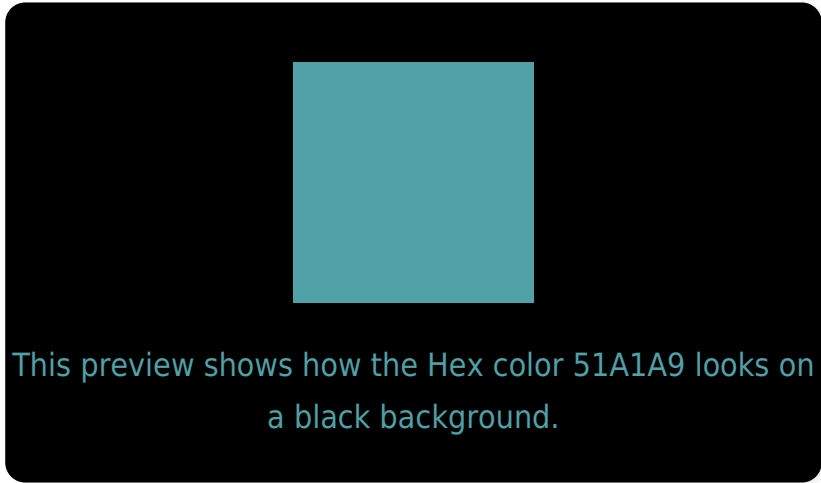
Large Text (above 18pt) WCAG AA × Fail

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

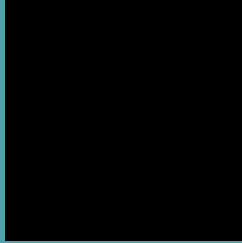
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 51A1A9 Background



This preview shows how black text looks on a background with the Hex color 51A1A9.

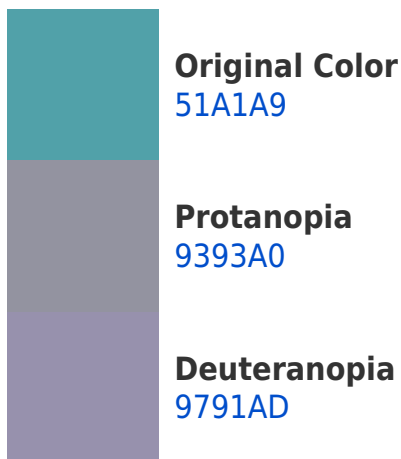


This preview shows how white text looks on a background with the Hex color 51A1A9.

# 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](#).

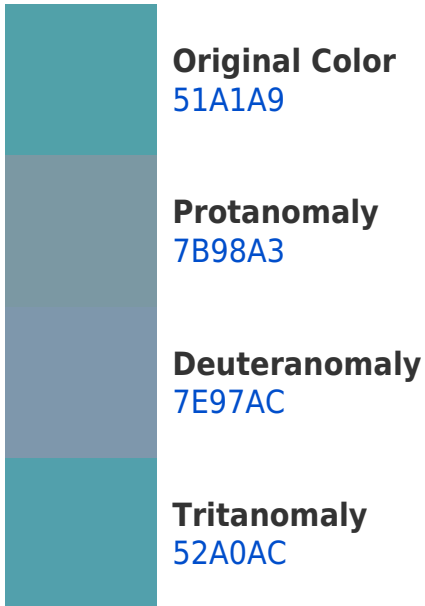
## Dichromacy



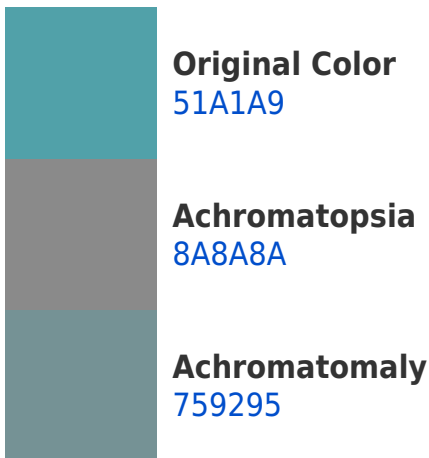


**Tritanopia**  
53A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51A1A9 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 #51A1A9 looks like.

```
.text, #text, p{  
    color:#51A1A9  
}
```

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 #51A1A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A1A9
}
```

## Border

The CSS property to change the border of an element to Hex 51A1A9 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
#51A1A9 }
```

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

```
.border{ border-color:#51A1A9 }
```

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

Here you see how a box with a 4 pixel #51A1A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A1A9; -webkit-box-shadow:4px 4px  
4px 4px #51A1A9; box-shadow:4px 4px 4px  
4px #51A1A9 }
```

# Background

The CSS property to change the background color of an element to Hex 51A1A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A1A9 }
```

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

```
.background{ background-color:#51A1A9 }
```

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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