

# Converting Colors

Hex(5D9A9B)

Have a look what the booklet for  
Hex(5D9A9B) contains.

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# Color

**Hex(5D9A9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D9A9B
RGB	93, 154, 155
RGB Percent	36%, 60%, 61%
CMY	0.6353, 0.3961, 0.3922
CMYK	0.40, 0.01, 0.00, 0.39
HSL	181°, 25%, 49%
HSV	181°, 40%, 61%
XYZ	21.9862, 27.8049, 35.2184
YIQ	135.8750, -36.6770, -12.6210

# Conversions

## Conversions Part 2

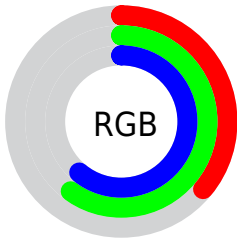
Format	Color
R <sub>Y</sub> B	93, 124, 155
Decimal	6134427
CIE Lab	59.71, -19.41, -6.75
CIE LCh	60, 20.554, 199.172
Yxy	27.8049, 0.2586, 0.3271
Android (android.graphics.Color)	4284324507 (0xFF5D9A9B)
YUV	135.8750, 9.4286, -37.6014
Hunter-Lab	52.7304, -17.8517, -2.6883

# Details

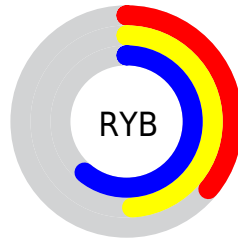
The Hex color **5D9A9B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B5E5D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **93D1D1**, and **286768** is the 20% darker color. If you saturate the color by 10%, you get **4E9A9B**, and if you desaturate by 10%, it is **6C9A9B**.

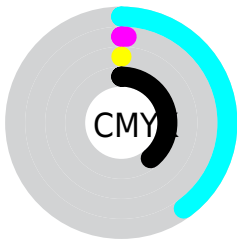
# Distribution



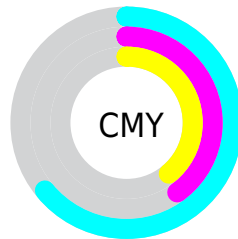
- Red (36%)
- Green (60%)
- Blue (61%)



- Red (36%)
- Yellow (49%)
- Blue (61%)



- Cyan (40%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (40%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D9A9B 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 5D9A9B by changing the saturation by 10% instead.



■ 5D9A9B

■ 5D9A9B

FFFFFF

■ 438081

■ 93D1D1

■ 286768

■ AEEDEE

■ 054E50

■ CAFFFF

■ 003739

■ E7FFFF

■ 002224

■ 00010F

■ 000000

■ 5D9A9B

■ 5D9A9B

■ 4E9A9B

■ 6C9A9B

 3E9A9B

 7C9B9B

 2F999B

 8B9B9B

 1F999B

 9B9B9B

 0F999B

 AB9B9B

 00999B

 BA9B9B

 CA9C9B

 D99C9B

 E89C9B

# Harmonies

## Analogous

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



699A88



5D9A9B



6098AB

# Triad

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



5D9A9B



A187A8



A38C6D

# Complementary

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



5D9A9B



9B5E5D

# 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.



B08775



5D9A9B



B08397

# Square

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



5D9A9B



8A8DB2



B58385



91926E

# Rectangle

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



5D9A9B



6A95B1



B58385



A98A6F



# Sweetspot

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



5D9A9B



B1C9C9



5D9B5D



586666



E6E6E6



666666



# Same Dimension

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



5D9A9B



69C8C9



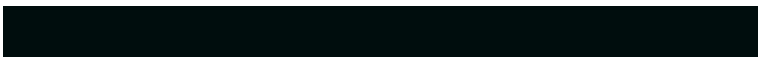
5D7C9B



454C4D



008A8C



000D0D



# Inverse Universe

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



9B5D9A



C969C8



9B7C5D



4D454C



8C008A

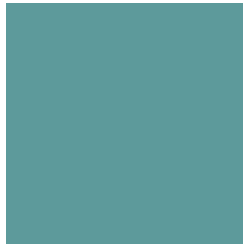


0D000D



# Previews

## White Background



This preview shows how the Hex color 5D9A9B looks on a white background.

## Color Contrast Check

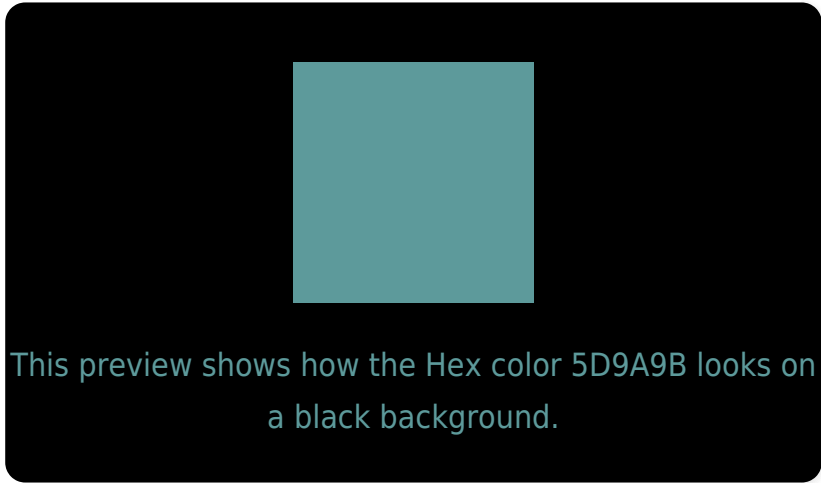
Large Text (above 18pt) WCAG AA ✓ Pass

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

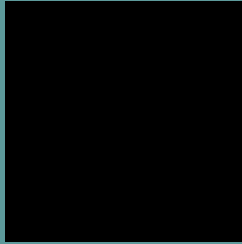
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

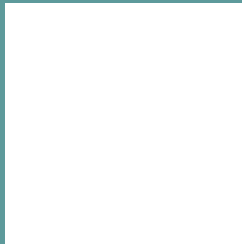
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D9A9B Background



This preview shows how black text looks on a background with the Hex color 5D9A9B.

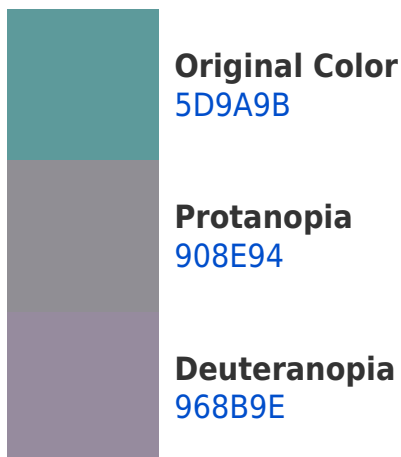


This preview shows how white text looks on a background with the Hex color 5D9A9B.

# 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](#).

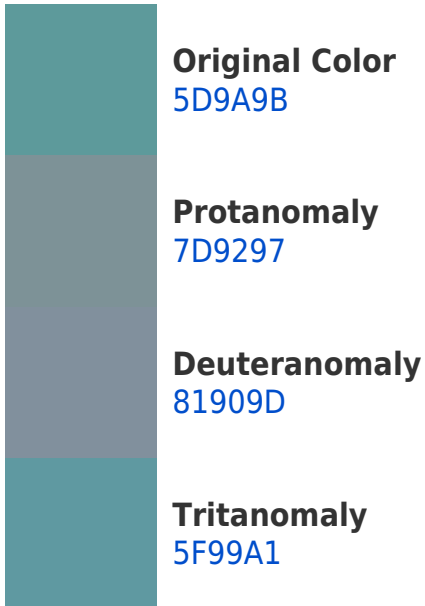
## Dichromacy



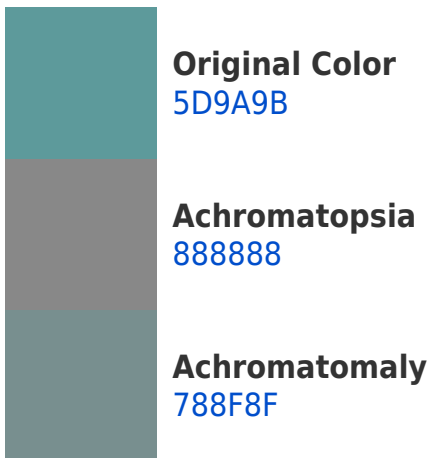


**Tritanopia**  
6098A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D9A9B 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 #5D9A9B looks like.

```
.text, #text, p{  
    color:#5D9A9B  
}
```

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 #5D9A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9A9B
}
```

## Border

The CSS property to change the border of an element to Hex 5D9A9B 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
#5D9A9B }
```

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

```
.border{ border-color:#5D9A9B }
```

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

Here you see how a box with a 4 pixel #5D9A9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9A9B; -webkit-box-shadow:4px 4px  
4px 4px #5D9A9B; box-shadow:4px 4px 4px  
4px #5D9A9B }
```

# Background

The CSS property to change the background color of an element to Hex 5D9A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9A9B }
```

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

```
.background{ background-color:#5D9A9B }
```

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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