

# Converting Colors

Hex(4A9B9A)

Have a look what the booklet for  
Hex(4A9B9A) contains.

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# Color

**Hex(4A9B9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A9B9A
RGB	74, 155, 154
RGB Percent	29%, 61%, 60%
CMY	0.7098, 0.3922, 0.3961
CMYK	0.52, 0.00, 0.01, 0.39
HSL	179°, 35%, 45%
HSV	179°, 52%, 61%
XYZ	20.3781, 27.2316, 34.7540
YIQ	130.6670, -47.9550, -17.4830

# Conversions

## Conversions Part 2

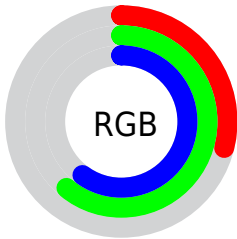
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 115, 155
Decimal	4889498
CIELab	59.19, -24.83, -7.05
CIELCh	59, 25.810, 195.846
Yxy	27.2316, 0.2474, 0.3306
Android (android.graphics.Color)	4283079578 (0xFF4A9B9A)
YUV	130.6670, 11.5032, -49.6970
Hunter-Lab	52.1839, -21.6166, -2.9579




# Details

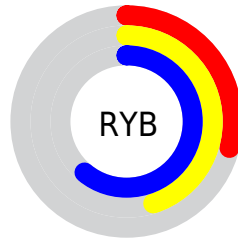
The Hex color **4A9B9A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9B4A4B**, and the grayscale version is **838383**.




A 20% lighter version of the original color is **82D2D0**, and **016767** is the 20% darker color. If you saturate the color by 10%, you get **3B9B9A**, and if you desaturate by 10%, it is **5A9B9A**.

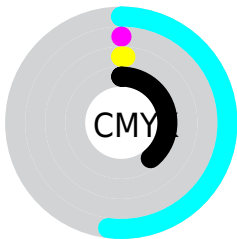
# Distribution







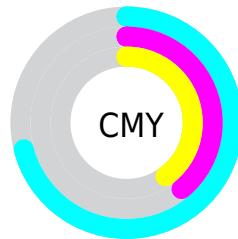
-  Red (29%)
-  Green (61%)
-  Blue (60%)






-  Red (29%)
-  Yellow (45%)
-  Blue (61%)



-  Cyan (52%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (39%)



-  Cyan (71%)
-  Magenta (39%)
-  Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A9B9A 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 4A9B9A by changing the saturation by 10% instead.





4A9B9A



4A9B9A

FFFFFF



2C8180



82D2D0



016767



9EEEEED



004F4F



BAFFFF



003838



D7FFFF



002323



F4FFFF



00010D



000000



4A9B9A



4A9B9A



3B9B9A



5A9B9A

■ 2B9B9A

■ 699B9A

■ 1C9B99

■ 799B9B

■ 0C9B99

■ 889B9B

■ 009B99

■ 989B9B

■ A79B9B

■ B79B9B

■ C69B9C

■ D59B9C

# Harmonies

## Analogous

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



5F9A83



4A9B9A



4999AE

# Triad

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



4A9B9A



A185AE



A88963

# Complementary

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



4A9B9A



9B4A4B

# 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.



B7826F



4A9B9A



B57F9A

# Square

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



4A9B9A



838CBA



BC7E83



929163

# Rectangle

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



4A9B9A



5896B7



BC7E83



AE8766



# Sweetspot

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



4A9B9A



A9C9C9



4B9B4A



536666



E6E6E6



666666



# Same Dimension

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



4A9B9A



4BC9C8



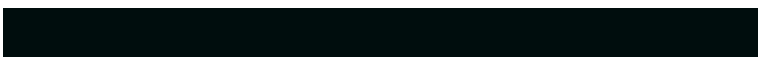
4A749B



454D4C



008C8B



000D0D



# Inverse Universe

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



9B4A4B



C94B4C



9B714A



4D4545



8C0002

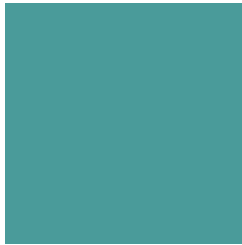


0D0000



# Previews

## White Background



This preview shows how the Hex color 4A9B9A looks on a white background.

## Color Contrast Check

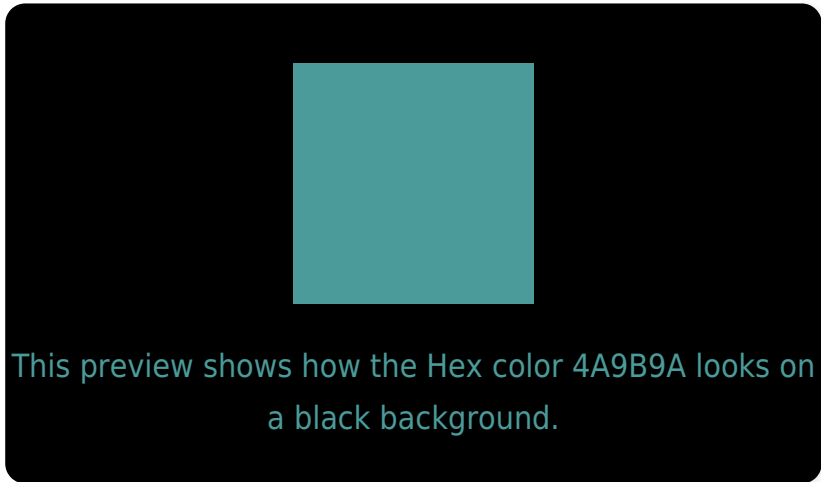
Large Text (above 18pt) WCAG AA ✓ Pass

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

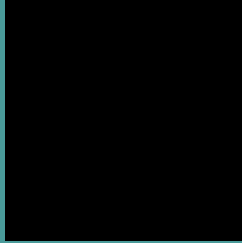
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4A9B9A Background



This preview shows how black text looks on a background with the Hex color 4A9B9A.

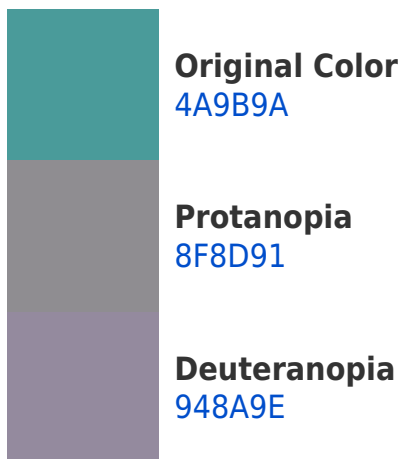


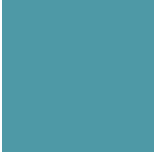
This preview shows how white text looks on a background with the Hex color 4A9B9A.

# 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](#).

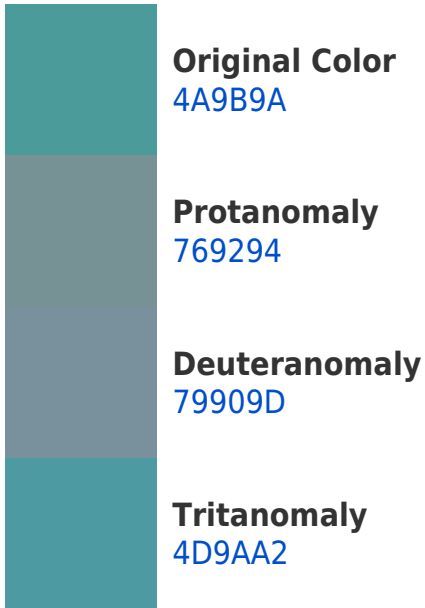
## Dichromacy





**Tritanopia**  
4E99A6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A9B9A 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 #4A9B9A looks like.

```
.text, #text, p{  
    color:#4A9B9A  
}
```

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 #4A9B9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A9B9A
}
```

## Border

The CSS property to change the border of an element to Hex 4A9B9A 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
#4A9B9A }
```

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

```
.border{ border-color:#4A9B9A }
```

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

Here you see how a box with a 4 pixel #4A9B9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A9B9A; -webkit-box-shadow:4px 4px  
4px 4px #4A9B9A; box-shadow:4px 4px 4px  
4px #4A9B9A }
```

# Background

The CSS property to change the background color of an element to Hex 4A9B9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A9B9A }
```

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

```
.background{ background-color:#4A9B9A }
```

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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