

Converting Colors

Hex(4A9F9A)

Have a look what the booklet for
Hex(4A9F9A) contains.

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Color

Hex(4A9F9A)

Conversions

Conversions Part 1

Format	Color
Hex	4A9F9A
RGB	74, 159, 154
RGB Percent	29%, 62%, 60%
CMY	0.7098, 0.3765, 0.3961
CMYK	0.53, 0.00, 0.03, 0.38
HSL	176°, 36%, 46%
HSV	176°, 53%, 62%
XYZ	21.0549, 28.5852, 34.9796
YIQ	133.0150, -49.0550, -19.5750

Conversions

Conversions Part 2

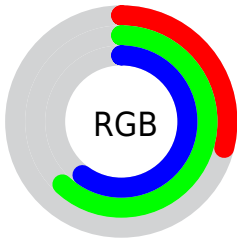
Format	Color
R_{YB}	74, 118, 159
Decimal	4890522
CIE _{Lab}	60.41, -26.84, -5.23
CIE _{LCh}	60, 27.340, 191.027
Yxy	28.5852, 0.2488, 0.3378
Android (android.graphics.Color)	4283080602 (0xFF4A9F9A)
YUV	133.0150, 10.3456, -51.7562
Hunter-Lab	53.4651, -23.2696, -1.3650

Details

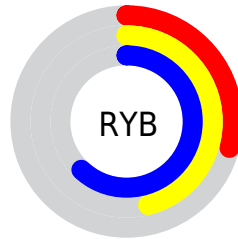
The Hex color **4A9F9A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F4A4F**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **82D6D0**, and **006B67** is the 20% darker color. If you saturate the color by 10%, you get **3A9F99**, and if you desaturate by 10%, it is **5A9F9B**.

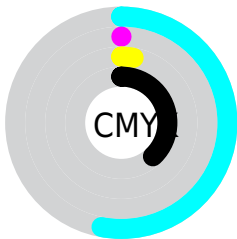
Distribution



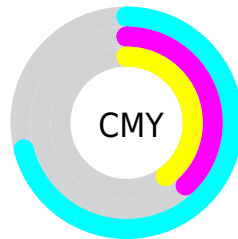
- Red (29%)
- Green (62%)
- Blue (60%)



- Red (29%)
- Yellow (46%)
- Blue (62%)



- Cyan (53%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)



- Cyan (71%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A9F9A 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 4A9F9A by changing the saturation by 10% instead.



4A9F9A



4A9F9A

FFFFFF



2C8580



82D6D0



006B67



9EF3ED



00524F



BAFFFF



003B38



D7FFFF



002523



F5FFFF



00030E



000000



4A9F9A



4A9F9A



3A9F99



5A9F9B

■ 2A9F98

■ 6A9F9C

■ 1A9F97

■ 7A9F9D

■ 0A9F96

■ 8A9F9E

■ 009F96

■ 9A9F9F

■ A99FA0

■ B99FA1

■ C99FA1

■ D99FA2

Harmonies

Analogous

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



639E81



4A9F9A



449DB0

Triad

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



4A9F9A



A088B6



B08B65

Complementary

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



4A9F9A



9F4A4F

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.



BE8373



4A9F9A



B782A2

Square

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



4A9F9A



7F91C1



C2808A



9A9362

Rectangle

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



4A9F9A



519ABB



C2808A



B68868

Sweetspot

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



4A9F9A



AECFCD



509F4A



556967



E8E8E8



696969

Same Dimension

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



4A9F9A



4ACFC7



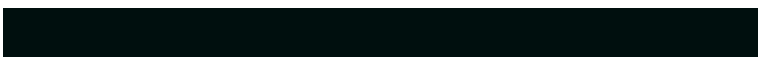
4A7A9F



474F4F



008F86



000F0E

Inverse Universe

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



9F4A4F



CF4A52



9F6F4A



4F4748



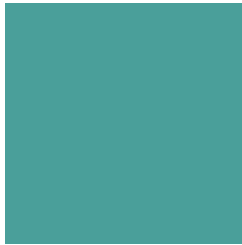
8F0008



0F0001

Previews

White Background



This preview shows how the Hex color 4A9F9A looks on a white background.

Color Contrast Check

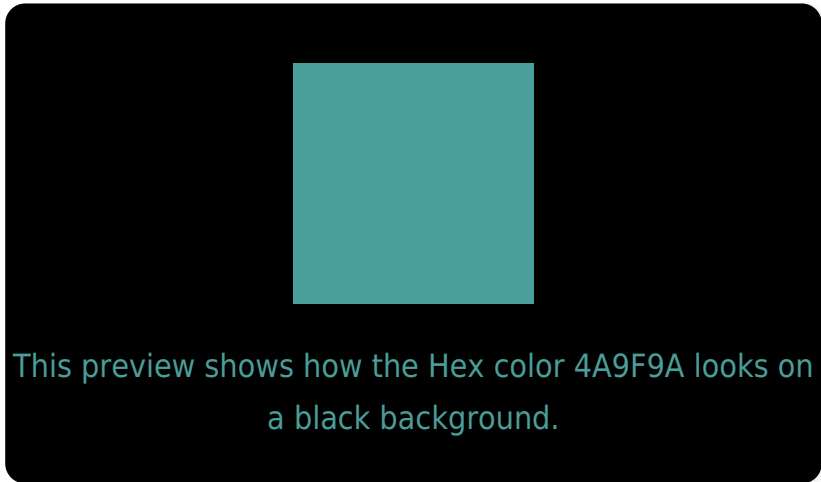
Large Text (above 18pt) WCAG AA ✓ Pass

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

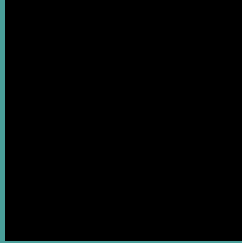
Any Text WCAG AA ✓ Pass

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 4A9F9A Background



This preview shows how black text looks on a background with the Hex color 4A9F9A.

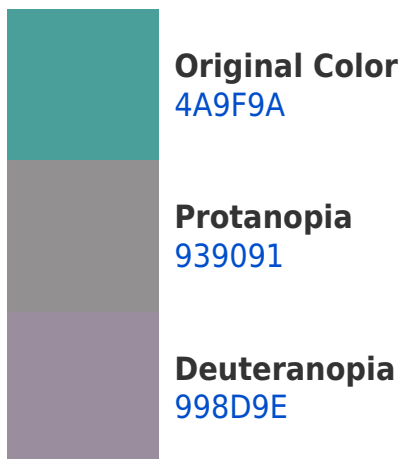


This preview shows how white text looks on a background with the Hex color 4A9F9A.

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](#).

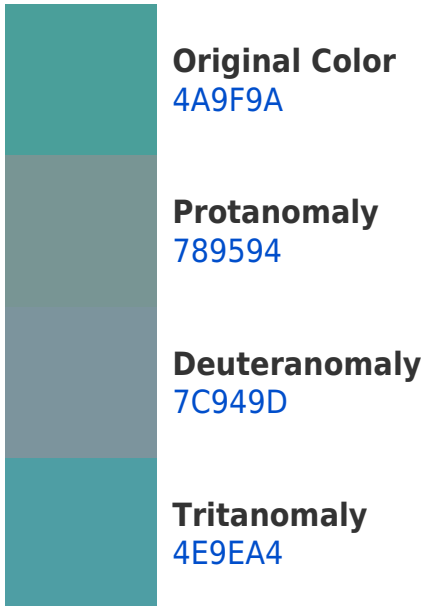
Dichromacy



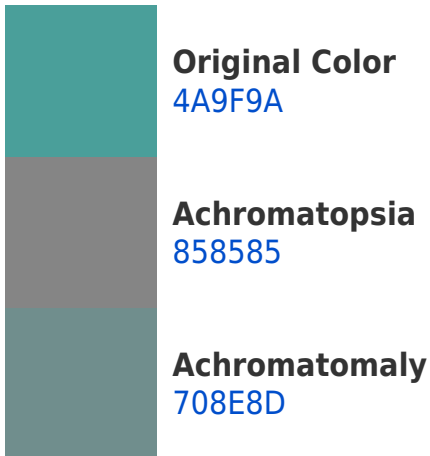


Tritanopia
509DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A9F9A 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 #4A9F9A looks like.

```
.text, #text, p{  
    color:#4A9F9A  
}
```

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 #4A9F9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A9F9A
}
```

Border

The CSS property to change the border of an element to Hex 4A9F9A 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
#4A9F9A }
```

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

```
.border{ border-color:#4A9F9A }
```

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

Here you see how a box with a 4 pixel #4A9F9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A9F9A; -webkit-box-shadow:4px 4px  
4px 4px #4A9F9A; box-shadow:4px 4px 4px  
4px #4A9F9A }
```

Background

The CSS property to change the background color of an element to Hex 4A9F9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A9F9A }
```

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

```
.background{ background-color:#4A9F9A }
```

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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