

Converting Colors

Hex(4F9A9A)

Have a look what the booklet for
Hex(4F9A9A) contains.

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Color

Hex(4F9A9A)

Conversions

Conversions Part 1

Format	Color
Hex	4F9A9A
RGB	79, 154, 154
RGB Percent	31%, 60%, 60%
CMY	0.6902, 0.3961, 0.3961
CMYK	0.49, 0.00, 0.00, 0.40
HSL	180°, 32%, 46%
HSV	180°, 49%, 60%
XYZ	20.6128, 27.1066, 34.7175
YIQ	131.5750, -44.7000, -15.9000

Conversions

Conversions Part 2

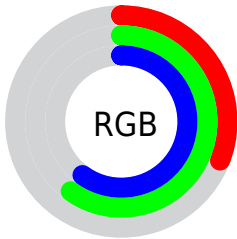
Format	Color
R_{YB}	79, 117, 154
Decimal	5216922
CIE _{Lab}	59.07, -23.19, -7.20
CIE _{LCh}	59, 24.279, 197.246
Yxy	27.1066, 0.2500, 0.3288
Android (android.graphics.Color)	4283407002 (0xFF4F9A9A)
YUV	131.5750, 11.0555, -46.1083
Hunter-Lab	52.0640, -20.4415, -3.0913

Details

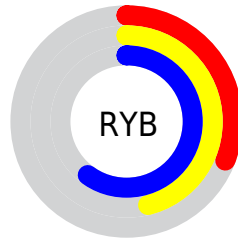
The Hex color **4F9A9A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A4F4F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **86D1D0**, and **106767** is the 20% darker color. If you saturate the color by 10%, you get **409A9A**, and if you desaturate by 10%, it is **5E9A9A**.

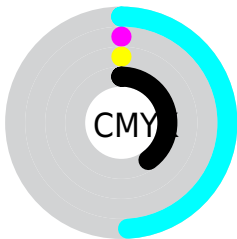
Distribution



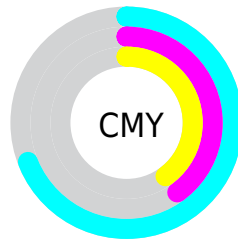
- Red (31%)
- Green (60%)
- Blue (60%)



- Red (31%)
- Yellow (46%)
- Blue (60%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (69%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F9A9A 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 4F9A9A by changing the saturation by 10% instead.



4F9A9A



4F9A9A

FFFFFF



338080



86D1D0



106767



A2EDED



004E4F



BEFFFF



003738



DBFFFF



002223



F8FFFF



00010D



000000



4F9A9A



4F9A9A



409A9A



5E9A9A

■ 309A9A

■ 6E9A9A

■ 219A9A

■ 7D9A9A

■ 119A9A

■ 8D9A9A

■ 029A9A

■ 9C9A9A

■ 009A9A

■ AB9A9A

■ BB9A9A

■ CA9A9A

■ DA9A9A

Harmonies

Analogous

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



619984



4F9A9A



5098AD

Triad

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



4F9A9A



A085AB



A68A65

Complementary

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



4F9A9A



9A4F4F

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.



B48370



4F9A9A



B37F98

Square

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



4F9A9A



858CB7



B97F83



919165

Rectangle

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



4F9A9A



5D95B5



B97F83



AB8767

Sweetspot

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



4F9A9A



ABC9C9



4F9A4F



546666



E6E6E6



666666

Same Dimension

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



4F9A9A



55C9C9



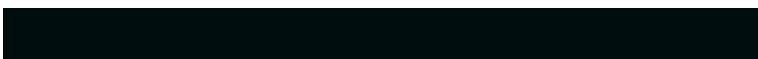
4F759A



454D4D



008C8C



000D0D

Inverse Universe

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



9A4F9A



C955C9



9A754F



4D454D



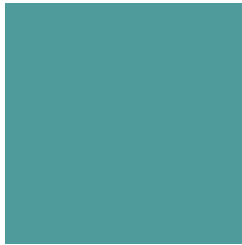
8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 4F9A9A looks on a white background.

Color Contrast Check

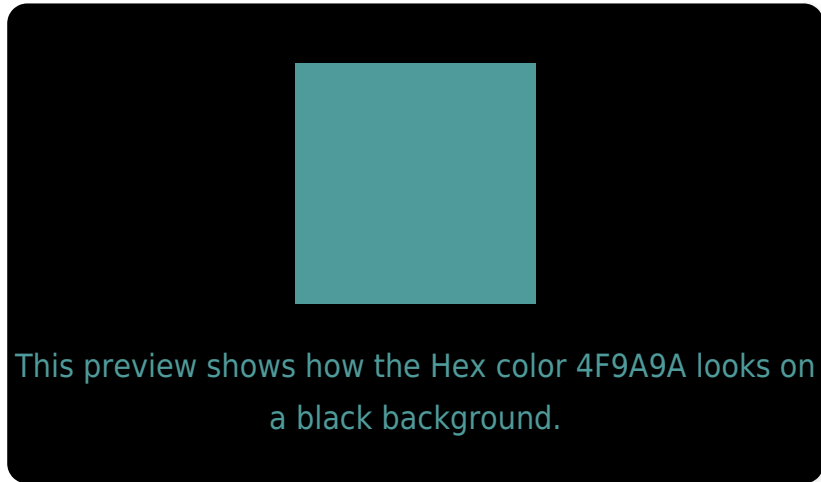
Large Text (above 18pt) WCAG AA ✓ Pass

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

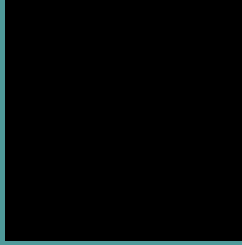
Any Text WCAG AA ✓ Pass

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 4F9A9A Background



This preview shows how black text looks on a background with the Hex color 4F9A9A.

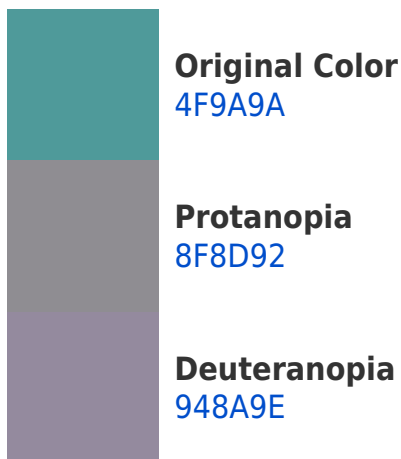


This preview shows how white text looks on a background with the Hex color 4F9A9A.

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](#).

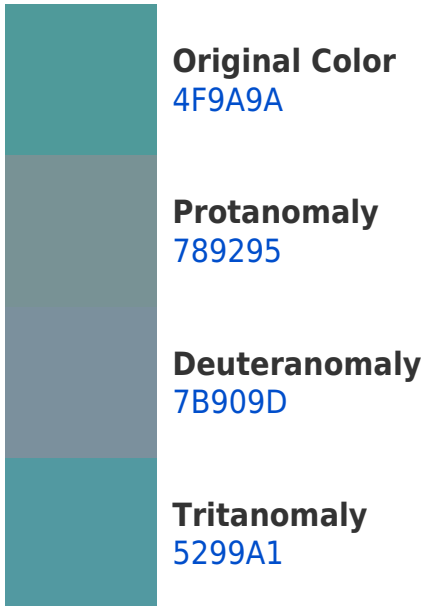
Dichromacy





Tritanopia
5398A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F9A9A 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 #4F9A9A looks like.

```
.text, #text, p{  
    color:#4F9A9A  
}
```

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 #4F9A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9A9A
}
```

Border

The CSS property to change the border of an element to Hex 4F9A9A 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
#4F9A9A }
```

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

```
.border{ border-color:#4F9A9A }
```

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

Here you see how a box with a 4 pixel #4F9A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9A9A; -webkit-box-shadow:4px 4px  
4px 4px #4F9A9A; box-shadow:4px 4px 4px  
4px #4F9A9A }
```

Background

The CSS property to change the background color of an element to Hex 4F9A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9A9A }
```

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

```
.background{ background-color:#4F9A9A }
```

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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