

Converting Colors

Hex(4A939D)

Have a look what the booklet for
Hex(4A939D) contains.

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Color

Hex(4A939D)

Conversions

Conversions Part 1

Format	Color
Hex	4A939D
RGB	74, 147, 157
RGB Percent	29%, 58%, 62%
CMY	0.7098, 0.4235, 0.3843
CMYK	0.53, 0.06, 0.00, 0.38
HSL	187°, 36%, 45%
HSV	187°, 53%, 62%
XYZ	19.3436, 24.7576, 35.6575
YIQ	126.3130, -46.7180, -12.3660

Conversions

Conversions Part 2

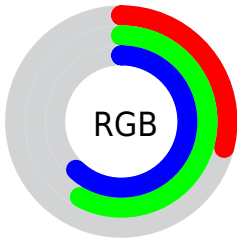
Format	Color
RYB	74, 113, 157
Decimal	4887453
CIELab	56.84, -19.85, -12.27
CIELCh	57, 23.341, 211.723
Yxy	24.7576, 0.2425, 0.3104
Android (android.graphics.Color)	4283077533 (0xFF4A939D)
YUV	126.3130, 15.1287, -45.8785
Hunter-Lab	49.7570, -17.6810, -7.6592




Details

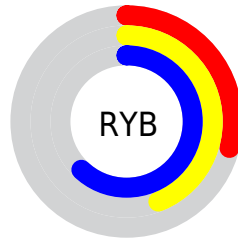
The Hex color **4A939D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D544A**, and the grayscale version is **7E7E7E**.




A 20% lighter version of the original color is **81C9D4**, and **04606A** is the 20% darker color. If you saturate the color by 10%, you get **3A919D**, and if you desaturate by 10%, it is **5A959D**.

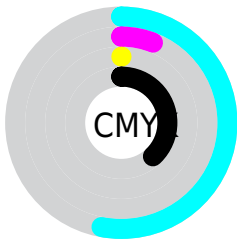
Distribution







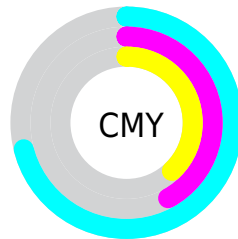
-  Red (29%)
-  Green (58%)
-  Blue (62%)






-  Red (29%)
-  Yellow (44%)
-  Blue (62%)



-  Cyan (53%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (71%)
-  Magenta (42%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A939D 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 4A939D by changing the saturation by 10% instead.

■ 4A939D

■ 4A939D

FFFFFF

■ 2D7983

■ 81C9D4

■ 04606A

■ 9DE5F0

■ 004852

■ B9FFFF

■ 00313B

■ D6FFFF

■ 001E25

■ F3FFFF

■ 000110

■ 000000

■ 4A939D

■ 4A939D

■ 3A919D

■ 5A959D

■ 2B8F9D

■ 69979D

■ 1B8D9D

■ 79999D

■ 0B8B9D

■ 899B9D

■ 008A9D

■ 999C9D

■ A89E9D

■ B8A09D

■ C8A29D

■ D7A49D

Harmonies

Analogous

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



549489



4A939D



5690AC

Triad

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



4A939D



A37C9C



968760

Complementary

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



4A939D



9D544A

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.



A78165



4A939D



B07988

Square

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



4A939D



8D83AB



B17B74



808E65

Rectangle

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



4A939D



678CB0



B17B74



9C8560

Sweetspot

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



4A939D



ABC8CC



4A9D54



536466



E6E6E6



666666

Same Dimension

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



4A939D



4BBDCC



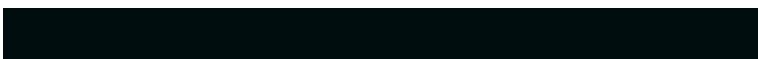
4A6A9D



474E4F



007E8F



000D0F

Inverse Universe

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



9D4A93



CC4BBD



9D7D4A



4F474E



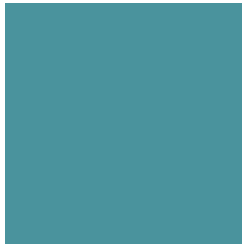
8F007E



0F000D

Previews

White Background



This preview shows how the Hex color 4A939D looks on a white background.

Color Contrast Check

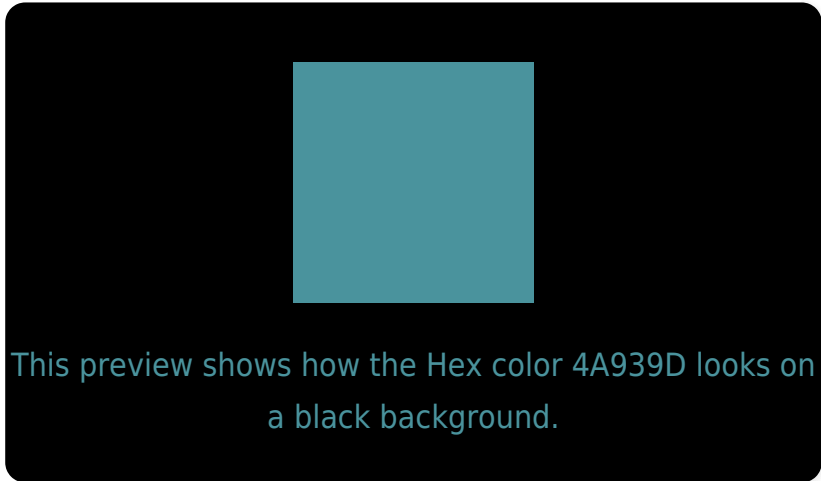
Large Text (above 18pt) WCAG AA ✓ Pass

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

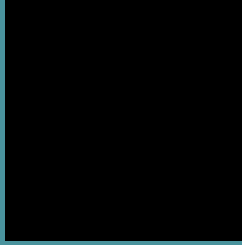
Any Text WCAG AA ✓ Pass

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 4A939D Background



This preview shows how black text looks on a background with the Hex color 4A939D.

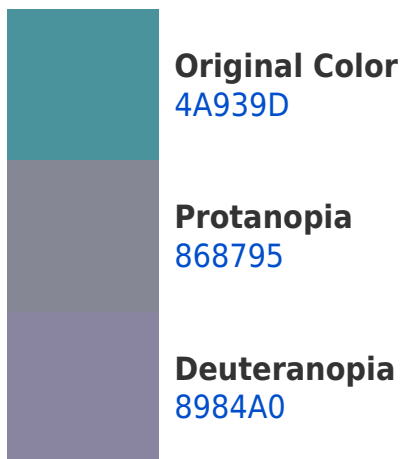



This preview shows how white text looks on a background with the Hex color 4A939D.

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



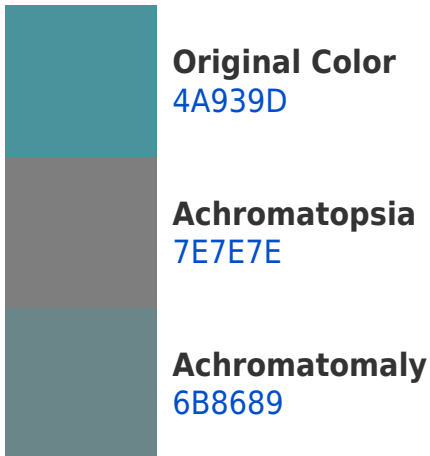


Tritanopia
4B939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A939D 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 #4A939D looks like.

```
.text, #text, p{  
    color:#4A939D  
}
```

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 #4A939D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A939D
}
```

Border

The CSS property to change the border of an element to Hex 4A939D 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
#4A939D }
```

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

```
.border{ border-color:#4A939D }
```

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

Here you see how a box with a 4 pixel #4A939D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A939D; -webkit-box-shadow:4px 4px  
4px 4px #4A939D; box-shadow:4px 4px 4px  
4px #4A939D }
```

Background

The CSS property to change the background color of an element to Hex 4A939D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A939D }
```

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

```
.background{ background-color:#4A939D }
```

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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