

Converting Colors

Hex(24939F)

Have a look what the booklet for
Hex(24939F) contains.

Hex(24939F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(24939F)

Conversions

Conversions Part 1

Format	Color
Hex	24939F
RGB	36, 147, 159
RGB Percent	14%, 58%, 62%
CMY	0.8588, 0.4235, 0.3765
CMYK	0.77, 0.08, 0.00, 0.38
HSL	186°, 63%, 38%
HSV	186°, 77%, 62%
XYZ	17.4193, 23.7457, 36.4662
YIQ	115.1790, -70.0080, -19.8000

Conversions

Conversions Part 2

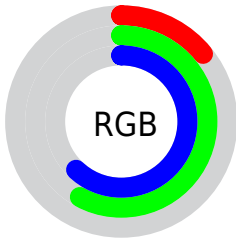
Format	Color
RYB	36, 94, 159
Decimal	2397087
CIELab	55.83, -25.61, -15.04
CIElCh	56, 29.702, 210.426
Yxy	23.7457, 0.2244, 0.3059
Android (android.graphics.Color)	4280587167 (0xFF24939F)
YUV	115.1790, 21.6038, -69.4400
Hunter-Lab	48.7296, -21.4686, -10.2582

Details

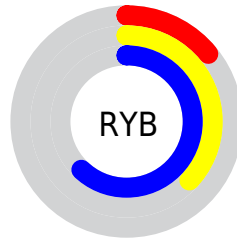
The Hex color **24939F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F3024**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **66C9D6**, and **00606C** is the 20% darker color. If you saturate the color by 10%, you get **14919F**, and if you desaturate by 10%, it is **34959F**.

Distribution



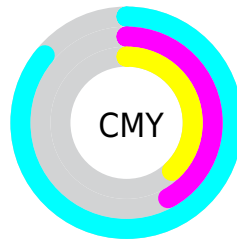
- Red (14%)
- Green (58%)
- Blue (62%)



- Red (14%)
- Yellow (37%)
- Blue (62%)



- Cyan (77%)
- Magenta (8%)
- Yellow (0%)
- Black (38%)



- Cyan (86%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24939F 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 24939F by changing the saturation by 10% instead.

■ 24939F

■ 24939F

FFFFFF

■ 007985

■ 66C9D6

■ 00606C

■ 84E6F2

■ 004853

■ A1FFFF

■ 00313C

■ BEFFFF

■ 001E26

■ DCFFFF

■ 000111

■ FAFFFF

■ 000000

■ 24939F

■ 24939F

■ 14919F

■ 34959F

04909F

44969F

008F9F

54989F

64999F

739B9F

839C9F

939E9F

A39F9F

B3A19F

Harmonies

Analogous

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



3C9485



24939F



388FB2

Triad

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



24939F



A776A0



978452

Complementary

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



24939F



9F3024

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.



AC7B5A



24939F



B67286

Square

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



24939F



897FB2



B7746D



7C8C59

Rectangle

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



24939F



548BB8



B7746D



9F8153

Sweetspot

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



24939F



9FCACF



249F2E



4B6669



E8E8E8



696969

Same Dimension

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



24939F



0EBCCF



24579F



474E4F



00818F



000E0F

Inverse Universe

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



9F2493



CF0EBC



9F6C24



4F474E



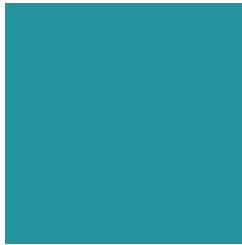
8F0081



0F000E

Previews

White Background



This preview shows how the Hex color 24939F looks on a white background.

Color Contrast Check

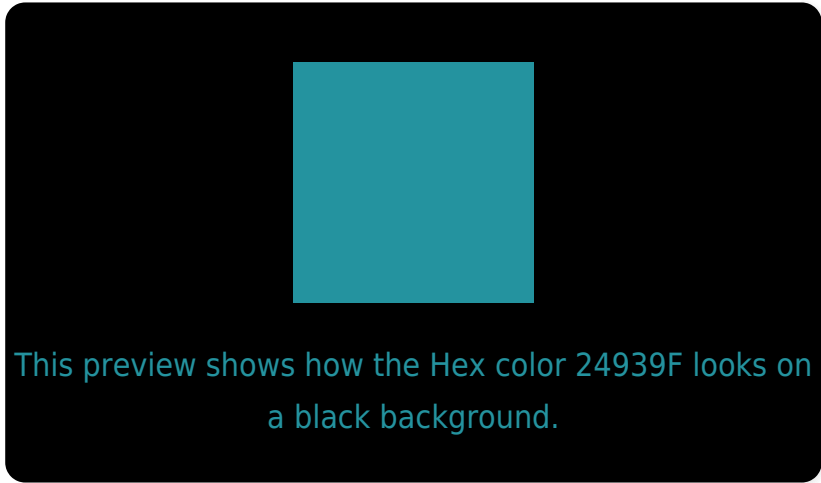
Large Text (above 18pt) WCAG AA ✓ Pass

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

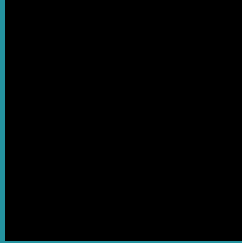
Any Text WCAG AA ✓ Pass

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 24939F Background



This preview shows how black text looks on a background with the Hex color 24939F.

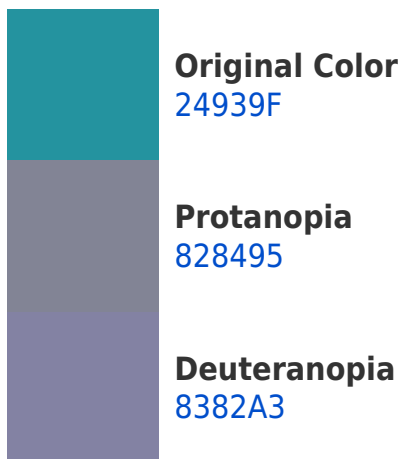


This preview shows how white text looks on a background with the Hex color 24939F.

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](#).

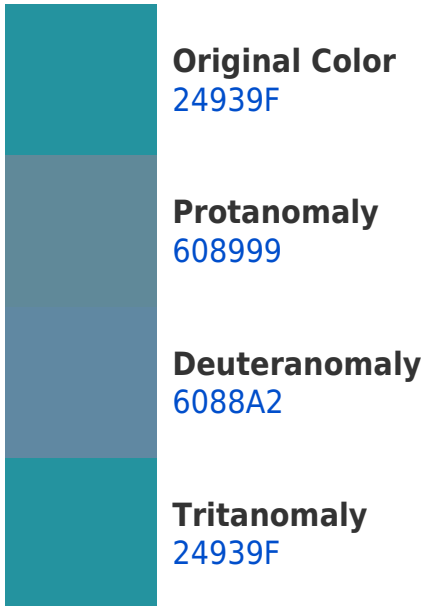
Dichromacy



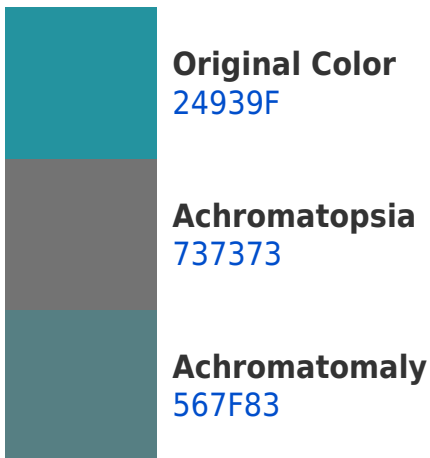


Tritanopia
24939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 24939F 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 #24939F looks like.

```
.text, #text, p{  
    color:#24939F  
}
```

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 #24939F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24939F
}
```

Border

The CSS property to change the border of an element to Hex 24939F 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
#24939F }
```

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

```
.border{ border-color:#24939F }
```

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

Here you see how a box with a 4 pixel #24939F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24939F; -webkit-box-shadow:4px 4px  
4px 4px #24939F; box-shadow:4px 4px 4px  
4px #24939F }
```

Background

The CSS property to change the background color of an element to Hex 24939F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24939F }
```

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

```
.background{ background-color:#24939F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor