

Converting Colors

Hex(34939B)

Have a look what the booklet for
Hex(34939B) contains.

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Color

Hex(34939B)

Conversions

Conversions Part 1

Format	Color
Hex	34939B
RGB	52, 147, 155
RGB Percent	20%, 58%, 61%
CMY	0.7961, 0.4235, 0.3922
CMYK	0.66, 0.05, 0.00, 0.39
HSL	185°, 50%, 41%
HSV	185°, 66%, 61%
XYZ	17.7663, 23.9641, 34.6995
YIQ	119.5070, -59.1880, -17.6520

Conversions

Conversions Part 2

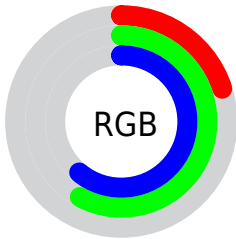
Format	Color
R _Y B	52, 101, 155
Decimal	3445659
CIE Lab	56.05, -24.68, -12.38
CIE LCh	56, 27.616, 206.641
Yxy	23.9641, 0.2325, 0.3135
Android (android.graphics.Color)	4281635739 (0xFF34939B)
YUV	119.5070, 17.4980, -59.2036
Hunter-Lab	48.9531, -20.8859, -7.7594

Details

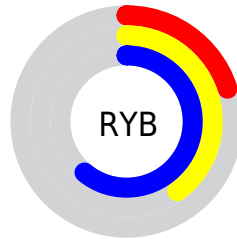
The Hex color **34939B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9B3C34**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **70C9D1**, and **006068** is the 20% darker color. If you saturate the color by 10%, you get **25929B**, and if you desaturate by 10%, it is **43949B**.

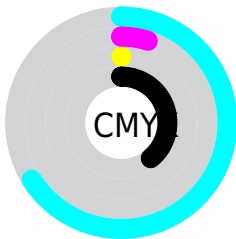
Distribution



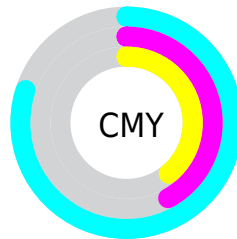
- Red (20%)
- Green (58%)
- Blue (61%)



- Red (20%)
- Yellow (40%)
- Blue (61%)



- Cyan (66%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (80%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34939B 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 34939B by changing the saturation by 10% instead.

 34939B

 34939B

FFFFFF

 067981

 70C9D1

 006068

 8CE6EE

 004850

 A9FFFF

 003139

 C6FFFF

 001E23

 E3FFFF

 00010D

 000000

 34939B

 34939B

 25929B

 43949B

■ 15919B

■ 53959B

■ 068F9B

■ 62979B

■ 008F9B

■ 72989B

■ 82999B

■ 919A9B

■ A09B9B

■ B09D9B

■ BF9E9B

Harmonies

Analogous

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



489383



34939B



3F90AE

Triad

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



34939B



A279A1



998456

Complementary

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



34939B



9B3C34

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.



AC7C5F



34939B



B3748A

Square

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



34939B



8681B1



B67672



818B5B

Rectangle

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



34939B



558CB5



B67672



A08158

Sweetspot

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



34939B



A1C6C9



349B3B



4E6466



E6E6E6



666666

Same Dimension

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



34939B



28BDC9



34619B



454C4D



00818C



000C0D

Inverse Universe

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



9B3493



C928BD



9B6E34



4D454C



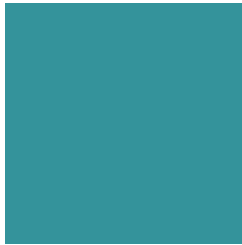
8C0081



0D000C

Previews

White Background



This preview shows how the Hex color 34939B looks on a white background.

Color Contrast Check

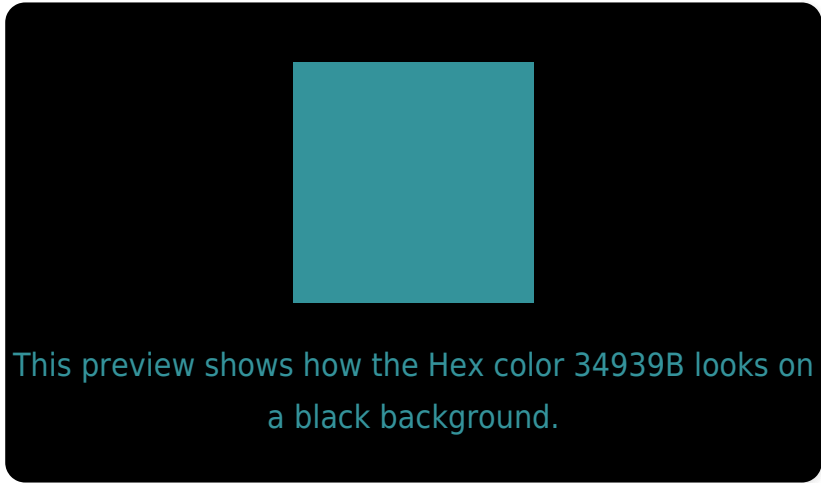
Large Text (above 18pt) WCAG AA ✓ Pass

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

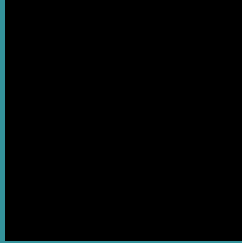
Any Text WCAG AA ✓ Pass

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 34939B Background



This preview shows how black text looks on a background with the Hex color 34939B.

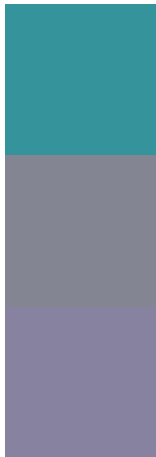


This preview shows how white text looks on a background with the Hex color 34939B.

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



Original Color
34939B

Protanopia
848592

Deuteranopia
86829F



Tritanopia
36929E

Trichromacy



Original Color
34939B

Protanomaly
678A95

Deuteranomaly
68889E

Tritanomaly
35929D

Monochromacy



Original Color
34939B

Achromatopsia
787878

Achromatomaly
5F8285

CSS Examples

Text

The CSS property to change the color of the text to Hex 34939B 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 #34939B looks like.

```
.text, #text, p{  
    color:#34939B  
}
```

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 #34939B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34939B
}
```

Border

The CSS property to change the border of an element to Hex 34939B 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
#34939B }
```

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

```
.border{ border-color:#34939B }
```

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

Here you see how a box with a 4 pixel #34939B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34939B; -webkit-box-shadow:4px 4px  
4px 4px #34939B; box-shadow:4px 4px 4px  
4px #34939B }
```

Background

The CSS property to change the background color of an element to Hex 34939B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34939B }
```

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

```
.background{ background-color:#34939B }
```

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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