

Converting Colors

Hex(33939C)

Have a look what the booklet for
Hex(33939C) contains.

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Color

Hex(33939C)

Conversions

Conversions Part 1

Format	Color
Hex	33939C
RGB	51, 147, 156
RGB Percent	20%, 58%, 61%
CMY	0.8000, 0.4235, 0.3882
CMYK	0.67, 0.06, 0.00, 0.39
HSL	185°, 51%, 41%
HSV	185°, 67%, 61%
XYZ	17.7997, 23.9715, 35.1413
YIQ	119.3220, -60.1050, -17.5530

Conversions

Conversions Part 2

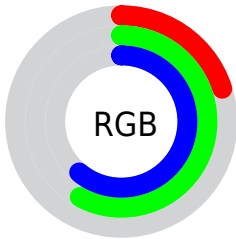
Format	Color
RYB	51, 101, 156
Decimal	3380124
CIELab	56.06, -24.54, -12.95
CIELCh	56, 27.744, 207.819
Yxy	23.9715, 0.2314, 0.3117
Android (android.graphics.Color)	4281570204 (0xFF33939C)
YUV	119.3220, 18.0823, -59.9184
Hunter-Lab	48.9607, -20.7875, -8.2826

Details

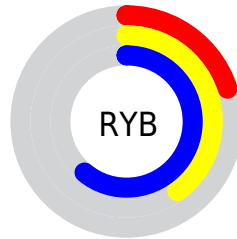
The Hex color **33939C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C3C33**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6FC9D2**, and **006069** is the 20% darker color. If you saturate the color by 10%, you get **23929C**, and if you desaturate by 10%, it is **43949C**.

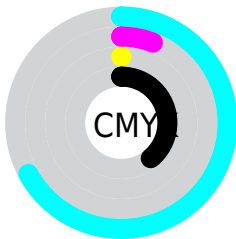
Distribution



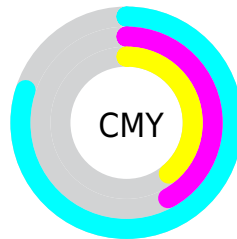
- Red (20%)
- Green (58%)
- Blue (61%)



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



- Cyan (67%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 33939C 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 33939C by changing the saturation by 10% instead.

33939C

33939C

FFFFFF

037982

6FC9D2

006069

8CE6EF

004851

A9FFFF

00313A

C6FFFF

001E24

E3FFFF

00010E

000000

33939C

33939C

23929C

43949C

■ 14909C

■ 52969C

■ 048F9C

■ 62979C

■ 008F9C

■ 71989C

■ 819A9C

■ 919B9C

■ A09C9C

■ B09E9C

■ BF9F9C

Harmonies

Analogous

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



479384



33939C



4090AE

Triad

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



33939C



A379A0



998456

Complementary

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



33939C



9C3C33

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.



AC7C5E



33939C



B37489

Square

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



33939C



8781B1



B67671



808C5B

Rectangle

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



33939C



568CB5



B67671



A08157

Sweetspot

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



33939C



A3C9CC



339C3C



4E6466



E6E6E6



666666

Same Dimension

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



33939C



27BECC



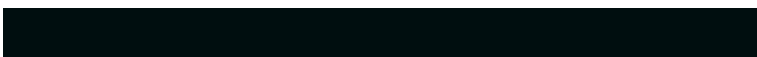
335F9C



474E4F



00838F



000E0F

Inverse Universe

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



9C3393



CC27BE



9C7033



4F474E



8F0083



0F000E

Previews

White Background



This preview shows how the Hex color 33939C looks on a white background.

Color Contrast Check

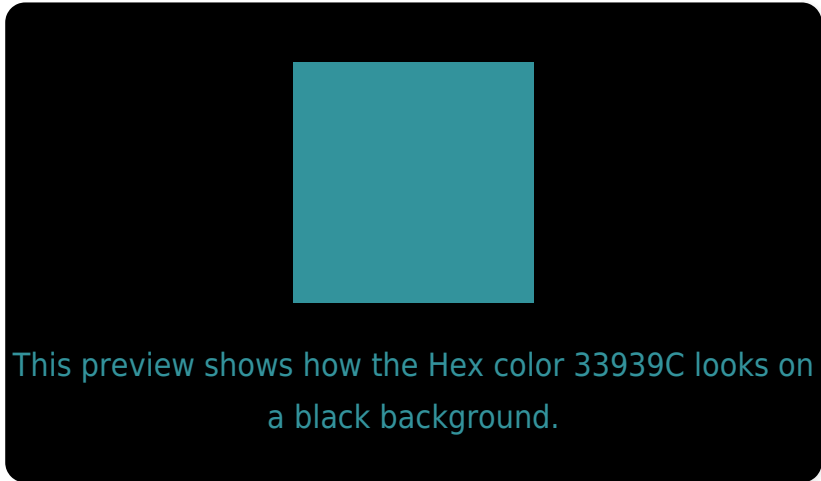
Large Text (above 18pt) WCAG AA ✓ Pass

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

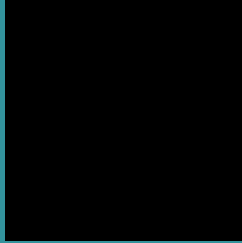
Any Text WCAG AA ✓ Pass

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 33939C Background



This preview shows how black text looks on a background with the Hex color 33939C.

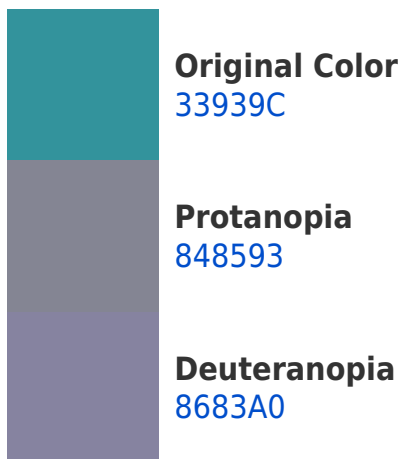


This preview shows how white text looks on a background with the Hex color 33939C.

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](#).

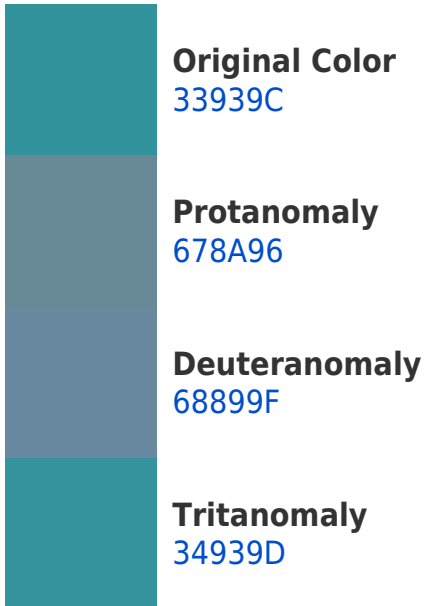
Dichromacy



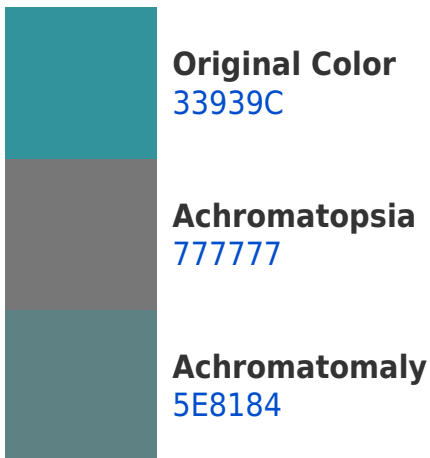


Tritanopia
34939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33939C 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 #33939C looks like.

```
.text, #text, p{  
    color:#33939C  
}
```

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 #33939C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33939C
}
```

Border

The CSS property to change the border of an element to Hex 33939C 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
#33939C }
```

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

```
.border{ border-color:#33939C }
```

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

Here you see how a box with a 4 pixel #33939C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33939C; -webkit-box-shadow:4px 4px  
4px 4px #33939C; box-shadow:4px 4px 4px  
4px #33939C }
```

Background

The CSS property to change the background color of an element to Hex 33939C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33939C }
```

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

```
.background{ background-color:#33939C }
```

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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