

Converting Colors

Hex(39AC9B)

Have a look what the booklet for
Hex(39AC9B) contains.

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Color

Hex(39AC9B)

Conversions

Conversions Part 1

Format	Color
Hex	39AC9B
RGB	57, 172, 155
RGB Percent	22%, 67%, 61%
CMY	0.7765, 0.3255, 0.3922
CMYK	0.67, 0.00, 0.10, 0.33
HSL	171°, 50%, 45%
HSV	171°, 67%, 67%
XYZ	22.3563, 32.7415, 36.1518
YIQ	135.6770, -63.0830, -29.6670

Conversions

Conversions Part 2

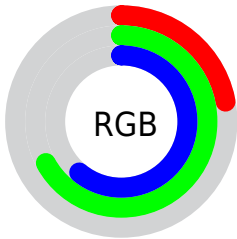
Format	Color
RYB	57, 119, 172
Decimal	3779739
CIELab	63.95, -35.97, -0.64
CIELCh	64, 35.979, 181.025
Yxy	32.7415, 0.2450, 0.3588
Android (android.graphics.Color)	4281969819 (0xFF39AC9B)
YUV	135.6770, 9.5262, -68.9997
Hunter-Lab	57.2202, -30.3942, 2.5946

Details

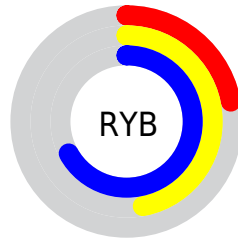
The Hex color **39AC9B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC394A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **76E4D1**, and **007768** is the 20% darker color. If you saturate the color by 10%, you get **28AC98**, and if you desaturate by 10%, it is **4AAC9E**.

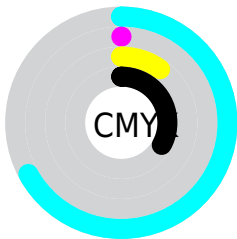
Distribution



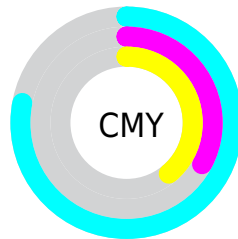
- Red (22%)
- Green (67%)
- Blue (61%)



- Red (22%)
- Yellow (47%)
- Blue (67%)



- Cyan (67%)
- Magenta (0%)
- Yellow (10%)
- Black (33%)



- Cyan (78%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39AC9B 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 39AC9B by changing the saturation by 10% instead.

 39AC9B

 39AC9B

FFFFFF

 0B9181

 76E4D1

 007768

 93FFEE

 005E50

 B1FFFF

 004539

 CEFFFF

 002E24

 ECFFFF

 00170F

 000000

 39AC9B

 39AC9B

 28AC98

 4AAC9E

■ 17AC96

■ 5BACA0

■ 05AC93

■ 6DACA3

■ 00AC93

■ 7EACA5

■ 8FACA8

■ A0ACAA

■ B1ACAD

■ C3ACAF

■ D4ACB2

Harmonies

Analogous

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



67A97B



39AC9B



00ABBB

Triad

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



39AC9B



A092D2



C98E64

Complementary

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



39AC9B



AC394A

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.



D8857C



39AC9B



C487BB

Square

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



39AC9B



6E9EDB



D7829B



AF995A

Rectangle

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



39AC9B



19A8CC



D7829B



CF8B6A

Sweetspot

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



39AC9B



B4E0DA



4AAC39



55706C



F0F0F0



707070

Same Dimension

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



39AC9B



2DE0C6



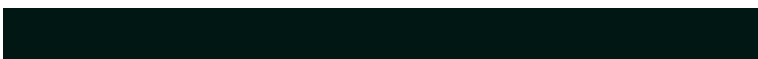
3984AC



4E5755



009680



001714

Inverse Universe

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



AC394A



E02D47



AC6139



574E4F



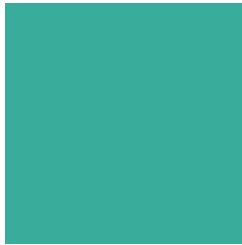
960016



170003

Previews

White Background



This preview shows how the Hex color 39AC9B looks on a white background.

Color Contrast Check

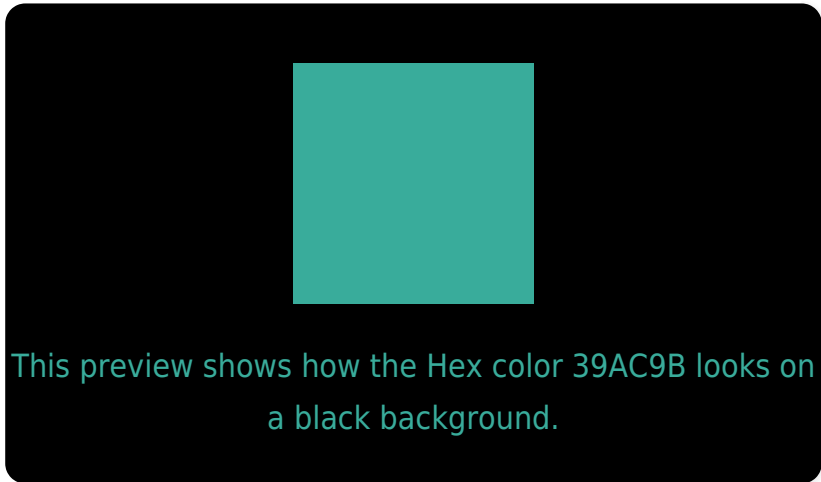
Large Text (above 18pt) WCAG AA × Fail

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

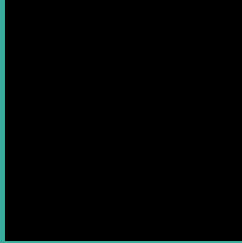
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 39AC9B Background



This preview shows how black text looks on a background with the Hex color 39AC9B.

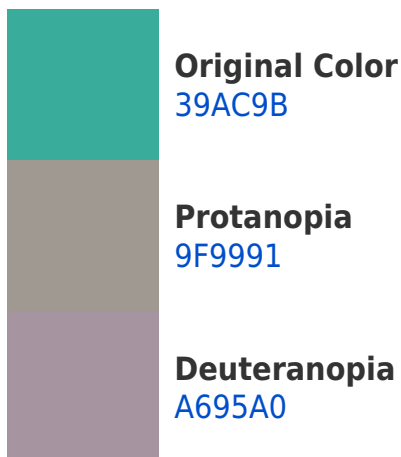


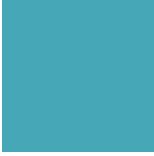
This preview shows how white text looks on a background with the Hex color 39AC9B.

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](#).

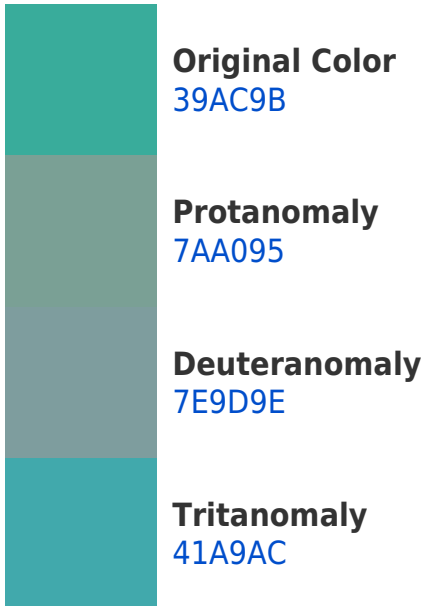
Dichromacy



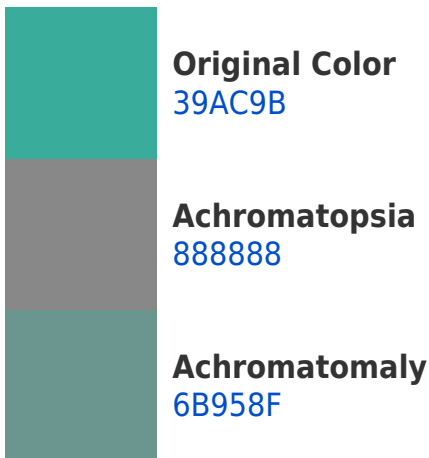


Tritanopia
46A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39AC9B 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 #39AC9B looks like.

```
.text, #text, p{  
    color:#39AC9B  
}
```

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 #39AC9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39AC9B
}
```

Border

The CSS property to change the border of an element to Hex 39AC9B 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
#39AC9B }
```

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

```
.border{ border-color:#39AC9B }
```

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

Here you see how a box with a 4 pixel #39AC9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39AC9B; -webkit-box-shadow:4px 4px  
4px 4px #39AC9B; box-shadow:4px 4px 4px  
4px #39AC9B }
```

Background

The CSS property to change the background color of an element to Hex 39AC9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39AC9B }
```

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

```
.background{ background-color:#39AC9B }
```

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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