

Converting Colors

Hex(39B3AB)

Have a look what the booklet for
Hex(39B3AB) contains.

Hex(39B3AB)	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(39B3AB)

Conversions

Conversions Part 1

Format	Color
Hex	39B3AB
RGB	57, 179, 171
RGB Percent	22%, 70%, 67%
CMY	0.7765, 0.2980, 0.3294
CMYK	0.68, 0.00, 0.04, 0.30
HSL	176°, 52%, 46%
HSV	176°, 68%, 70%
XYZ	25.1581, 36.0503, 44.1605
YIQ	141.6100, -70.1440, -28.3520

Conversions

Conversions Part 2

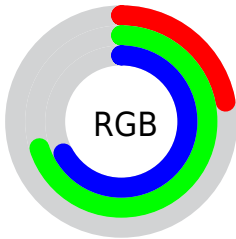
Format	Color
RYB	57, 120, 179
Decimal	3781547
CIELab	66.56, -34.82, -5.70
CIELCh	67, 35.285, 189.298
Yxy	36.0503, 0.2388, 0.3421
Android (android.graphics.Color)	4281971627 (0xFF39B3AB)
YUV	141.6100, 14.4893, -74.2030
Hunter-Lab	60.0419, -30.2802, -1.5781

Details

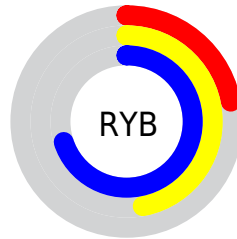
The Hex color **39B3AB** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B33941**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **78EBE2**, and **007E77** is the 20% darker color. If you saturate the color by 10%, you get **27B3AA**, and if you desaturate by 10%, it is **4BB3AC**.

Distribution



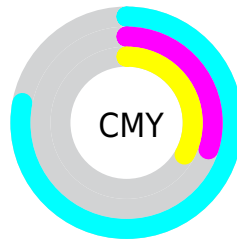
- Red (22%)
- Green (70%)
- Blue (67%)



- Red (22%)
- Yellow (47%)
- Blue (70%)



- Cyan (68%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)



- Cyan (78%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39B3AB 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 39B3AB by changing the saturation by 10% instead.

 39B3AB

 39B3AB

FFFFFF

 039891

 78EBE2

 007E77

 96FFFF

 00645E

 B4FFFF

 004B47

 D1FFFF

 003430

 EFFFFFF

 00201B

 000000

 39B3AB

 39B3AB

 27B3AA

 4BB3AC

■ 15B3A9

■ 5DB3AD

■ 03B3A7

■ 6FB3AF

■ 00B3A7

■ 81B3B0

■ 93B3B1

■ A4B3B2

■ B6B3B3

■ C8B3B4

■ DAB3B6

Harmonies

Analogous

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



64B18A



39B3AB



23B1C9

Triad

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



39B3AB



B296D3



CA9867

Complementary

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



39B3AB



B33941

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.



DC8E7B



39B3AB



D28CB9

Square

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



39B3AB



85A2E0



E08999



ADA363

Rectangle

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



39B3AB



3DAED8



E08999



D1956C

Sweetspot

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



39B3AB



BAE8E5



41B339



597573



F5F5F5



757575

Same Dimension

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



39B3AB



2AE8DC



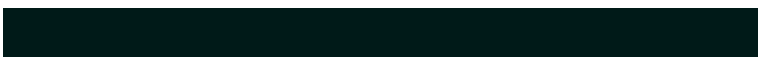
397EB3



505959



00998F



001A18

Inverse Universe

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



B33941



E82A36



B36E39



595051



99000A



1A0002

Previews

White Background



This preview shows how the Hex color 39B3AB looks on a white background.

Color Contrast Check

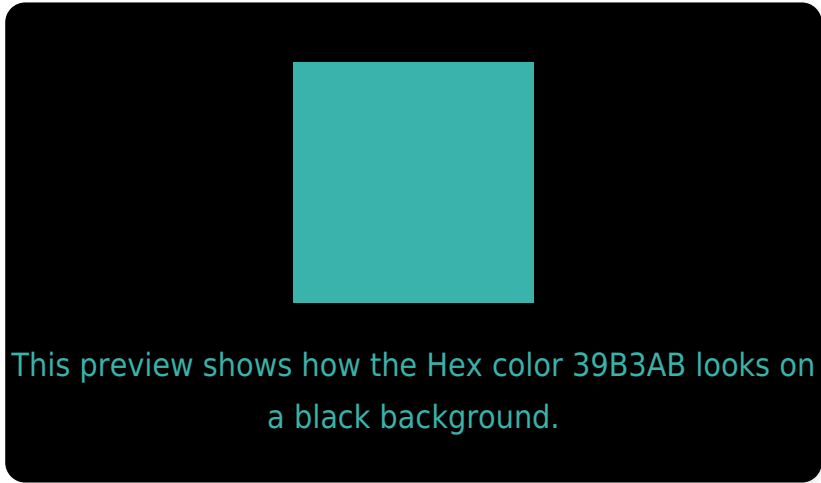
Large Text (above 18pt) WCAG AA × Fail

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

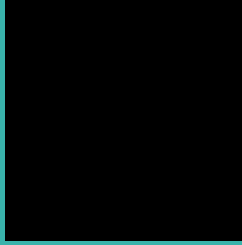
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

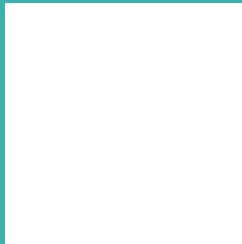
Any Text WCAG AAA ✓ Pass

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

Hex 39B3AB Background



This preview shows how black text looks on a background with the Hex color 39B3AB.

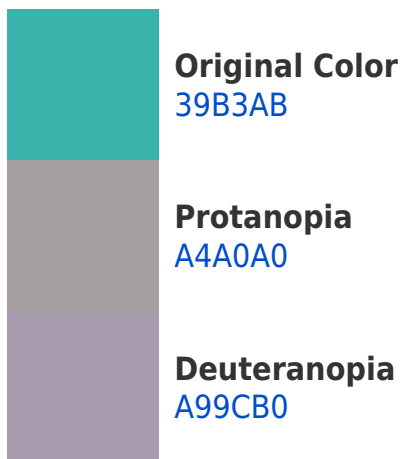


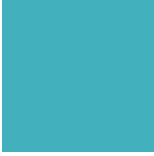
This preview shows how white text looks on a background with the Hex color 39B3AB.

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
43B0BE

Trichromacy



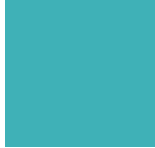
Original Color
39B3AB



Protanomaly
7DA7A4



Deuteranomaly
80A4AE



Tritanomaly
3FB1B7

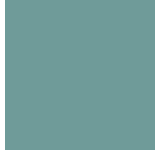
Monochromacy



Original Color
39B3AB



Achromatopsia
8E8E8E



Achromatomaly
6F9B99

CSS Examples

Text

The CSS property to change the color of the text to Hex 39B3AB 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 #39B3AB looks like.

```
.text, #text, p{  
    color:#39B3AB  
}
```

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 #39B3AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39B3AB
}
```

Border

The CSS property to change the border of an element to Hex 39B3AB 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
#39B3AB }
```

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

```
.border{ border-color:#39B3AB }
```

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

Here you see how a box with a 4 pixel #39B3AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39B3AB; -webkit-box-shadow:4px 4px  
4px 4px #39B3AB; box-shadow:4px 4px 4px  
4px #39B3AB }
```

Background

The CSS property to change the background color of an element to Hex 39B3AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39B3AB }
```

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

```
.background{ background-color:#39B3AB }
```

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