

# Converting Colors

Hex(39ABBF)

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

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# Color

Hex(39ABBF)

# Conversions

## Conversions Part 1

Format	Color
Hex	39ABBF
RGB	57, 171, 191
RGB Percent	22%, 67%, 75%
CMY	0.7765, 0.3294, 0.2510
CMYK	0.70, 0.10, 0.00, 0.25
HSL	189°, 54%, 49%
HSV	189°, 70%, 75%
XYZ	25.6542, 33.7573, 54.4539
YIQ	139.1940, -74.3640, -17.9480

# Conversions

## Conversions Part 2

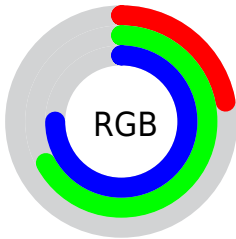
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 119, 191
Decimal	3779519
CIELab	64.77, -25.01, -19.49
CIELCh	65, 31.714, 217.930
Yxy	33.7573, 0.2253, 0.2965
Android (android.graphics.Color)	4281969599 (0xFF39ABBF)
YUV	139.1940, 25.5404, -72.0841
Hunter-Lab	58.1010, -22.8609, -14.8976

# Details

The Hex color **39ABBF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BF4D39**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **79E3F7**, and **00768A** is the 20% darker color. If you saturate the color by 10%, you get **26A8BF**, and if you desaturate by 10%, it is **4CAEBF**.

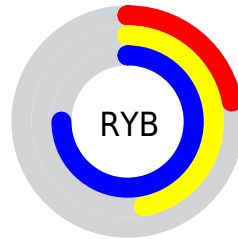
# Distribution



Red (22%)

Green (67%)

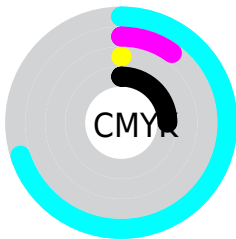
Blue (75%)



Red (22%)

Yellow (47%)

Blue (75%)

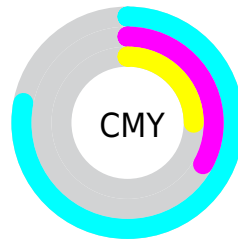


Cyan (70%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (78%)

Magenta (33%)

Yellow (25%)

# Brightness & Saturation Gradients

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



■ 39ABBF

■ 39ABBF

FFFFFF

■ 0090A4

■ 79E3F7

■ 00768A

■ 97FFFF

■ 005D70

■ B5FFFF

■ 004558

■ D3FFFF

■ 002F40

■ F1FFFF

■ 001B2A

■ 000115

■ 000000

■ 39ABBF

■ 39ABBF

■ 26A8BF

■ 4CAEBF

■ 13A5BF

■ 5FB1BF

■ 00A2BF

■ 72B4BF

■ 85B6BF

■ 99B9BF

■ ACBCBF

■ BFBFBF

■ D2C2BF

■ E5C5BF

# Harmonies

## Analogous

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



47ADA4



39ABBF



56A6D1

# Triad

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



39ABBF



C78BB3



A99E65

# Complementary

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



39ABBF



BF4D39

# 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.



C29469



39ABBF



D58897

# Square

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



39ABBF



AB93CA



D28B7C



8AA670

# Rectangle

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



39ABBF



73A0D5



D28B7C



B29B64



# Sweetspot

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



39ABBF



C3F0F7



39BF4B



5E787D



FCFCFC



7D7D7D



# Same Dimension

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



39ABBF



28D8F7



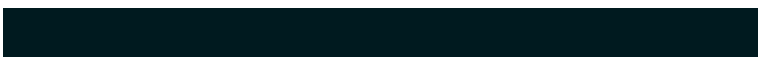
396ABF



555D5E



00879E



001A1F



# Inverse Universe

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



BF39AB



F728D8



BF8E39



5E555D



9E0087



1F001A



# Previews

## White Background



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

## Color Contrast Check

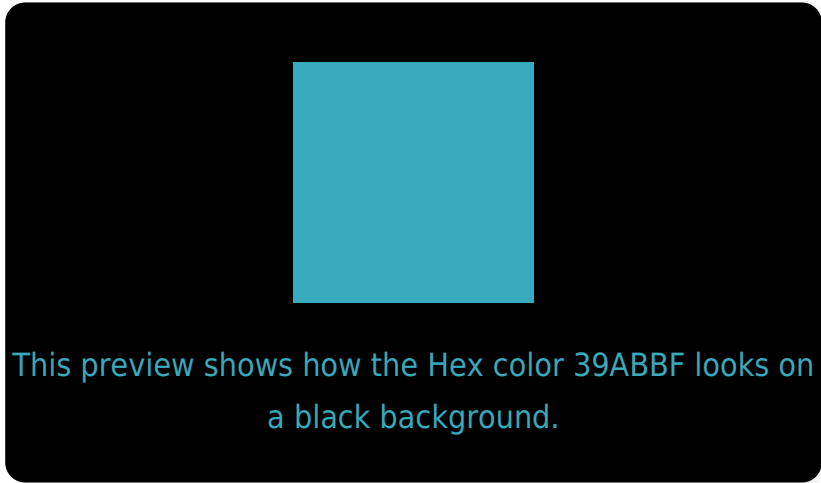
Large Text (above 18pt) WCAG AA × Fail

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

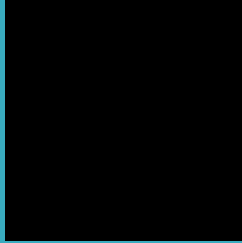
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 39ABBF Background



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

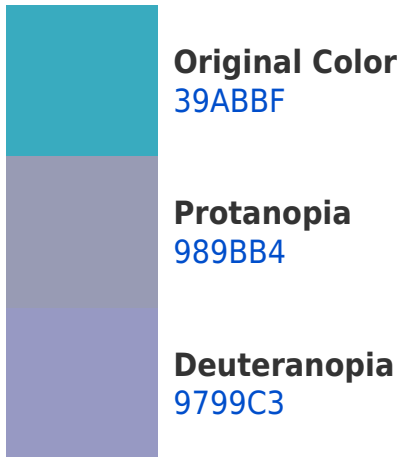


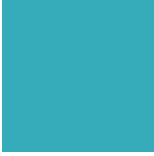
This preview shows how white text looks on a background with the Hex color 39ABBF.

# 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](#).

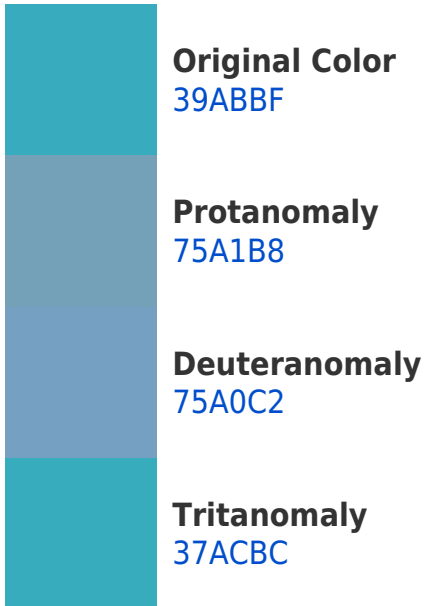
## Dichromacy



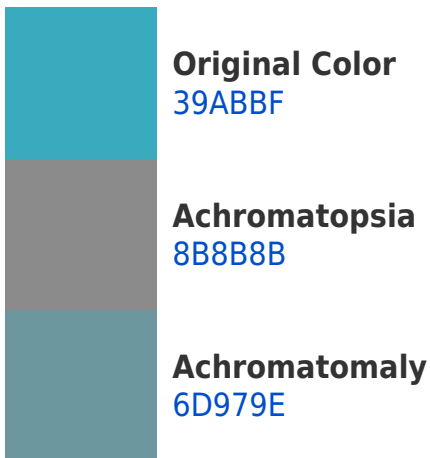


**Tritanopia**  
36ACBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #39ABBF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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