

# Converting Colors

Hex(39B2C0)

Have a look what the booklet for  
Hex(39B2C0) contains.

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# Color

Hex(39B2C0)

# Conversions

## Conversions Part 1

Format	Color
Hex	39B2C0
RGB	57, 178, 192
RGB Percent	22%, 70%, 75%
CMY	0.7765, 0.3020, 0.2471
CMYK	0.70, 0.07, 0.00, 0.25
HSL	186°, 54%, 49%
HSV	186°, 70%, 75%
XYZ	27.1222, 36.5164, 55.4881
YIQ	143.4170, -76.6100, -21.2980

# Conversions

## Conversions Part 2

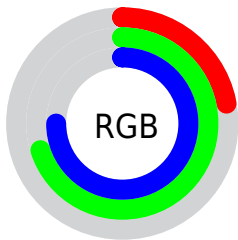
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 121, 192
Decimal	3781312
CIELab	66.91, -28.20, -16.80
CIElCh	67, 32.827, 210.778
Yxy	36.5164, 0.2277, 0.3065
Android (android.graphics.Color)	4281971392 (0xFF39B2C0)
YUV	143.4170, 23.9514, -75.7877
Hunter-Lab	60.4288, -25.6346, -12.1422

# Details

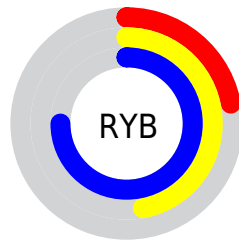
The Hex color **39B2C0** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **C04739**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7AEAF8**, and **007D8B** is the 20% darker color. If you saturate the color by 10%, you get **26B0C0**, and if you desaturate by 10%, it is **4CB4C0**.

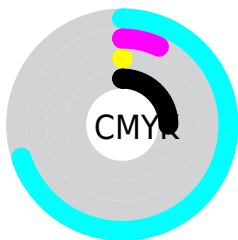
# Distribution



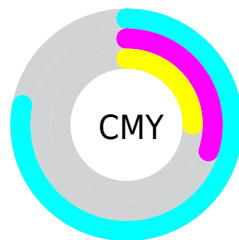
- Red (22%)
- Green (70%)
- Blue (75%)



- Red (22%)
- Yellow (47%)
- Blue (75%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (78%)
- Magenta (30%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39B2C0 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 39B2C0 by changing the saturation by 10% instead.



 39B2C0

 39B2C0

FFFFFF

 0097A5

 7AEAF8

 007D8B

 98FFFF

 006471

 B6FFFF

 004B59

 D4FFFF

 003441

 F3FFFF

 00212B

 000117

 000000

 39B2C0

 39B2C0

■ 26B0C0

■ 4CB4C0

■ 13AEC0

■ 5FB6C0

■ 00ACC0

■ 73B8C0

■ 86BAC0

■ 99BCC0

■ ACBEC0

■ BFC0C0

■ D3C2C0

■ E6C4C0

# Harmonies

## Analogous

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



50B3A3



39B2C0



4EADD6

# Triad

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



39B2C0



C991C0



B6A167

# Complementary

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



39B2C0



C04739

# 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.



CE9770



39B2C0



DB8CA3

# Square

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



39B2C0



A89BD6



DC8F86



97AA6F

# Rectangle

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



39B2C0



6CA8DD



DC8F86



BF9E69



# Sweetspot

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



39B2C0



C5F4FA



39C046



5E7A7D



FCFCFC



7D7D7D



# Same Dimension

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



39B2C0



28E4FA



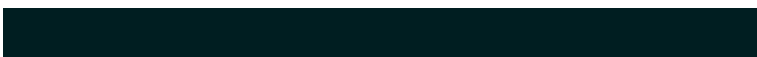
396FC0



576061



0090A1



001E21



# Inverse Universe

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



C039B2



FA28E4



C08A39



615760



A10090

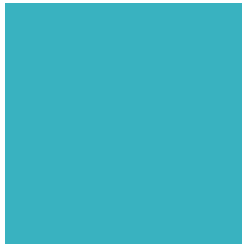


21001E



# Previews

## White Background



This preview shows how the Hex color 39B2C0 looks on a white background.

## Color Contrast Check

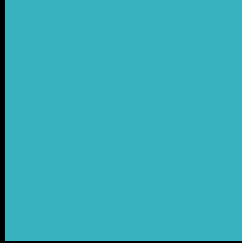
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 39B2C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

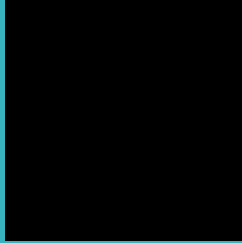
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 39B2C0 Background



This preview shows how black text looks on a background with the Hex color 39B2C0.

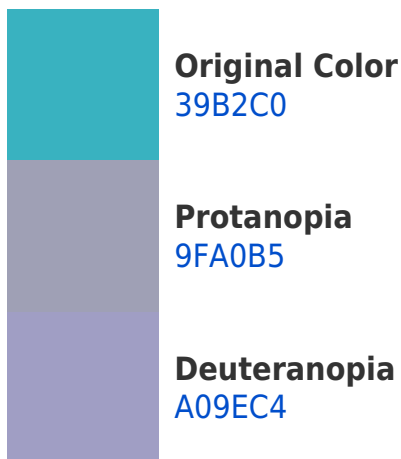


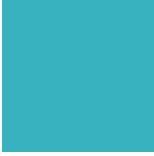
This preview shows how white text looks on a background with the Hex color 39B2C0.

# 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](#).

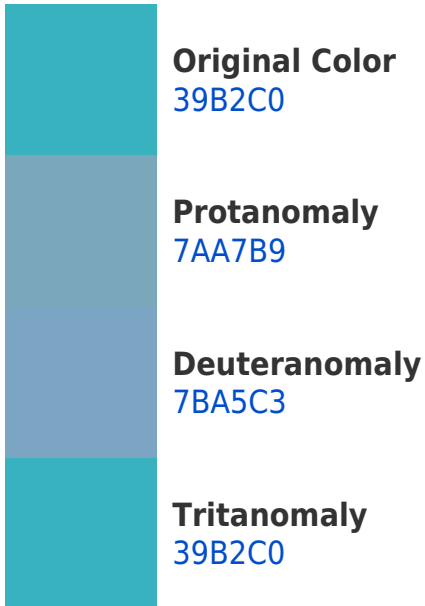
## Dichromacy



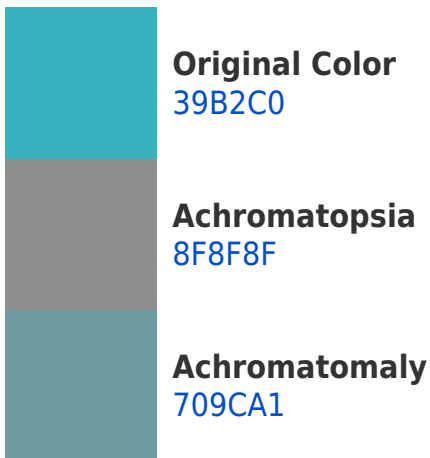


**Tritanopia**  
39B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39B2C0 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 #39B2C0 looks like.

```
.text, #text, p{  
    color:#39B2C0  
}
```

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 #39B2C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39B2C0
}
```

## Border

The CSS property to change the border of an element to Hex 39B2C0 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
#39B2C0 }
```

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

```
.border{ border-color:#39B2C0 }
```

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

Here you see how a box with a 4 pixel #39B2C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39B2C0; -webkit-box-shadow:4px 4px  
4px 4px #39B2C0; box-shadow:4px 4px 4px  
4px #39B2C0 }
```

# Background

The CSS property to change the background color of an element to Hex 39B2C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39B2C0 }
```

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

```
.background{ background-color:#39B2C0 }
```

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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