

# Converting Colors

Hex(39C1A1)

Have a look what the booklet for  
Hex(39C1A1) contains.

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**Color**

**Hex(39C1A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39C1A1
RGB	57, 193, 161
RGB Percent	22%, 76%, 63%
CMY	0.7765, 0.2431, 0.3686
CMYK	0.70, 0.00, 0.17, 0.24
HSL	166°, 54%, 49%
HSV	166°, 70%, 76%
XYZ	27.1903, 41.5830, 40.3115
YIQ	148.6880, -70.7840, -38.7840

# Conversions

## Conversions Part 2

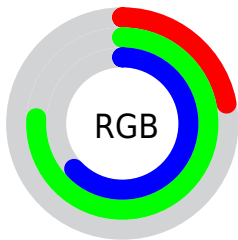
Format	Color
<a href="#">RYB</a>	<a href="#">57, 134, 193</a>
Decimal	<a href="#">3785121</a>
CIELab	<a href="#">70.58, -43.75, 5.67</a>
CIElCh	<a href="#">71, 44.112, 172.615</a>
Yxy	<a href="#">41.5830, 0.2493, 0.3812</a>
Android (android.graphics.Color)	<a href="#">4281975201 (0xFF39C1A1)</a>
YUV	<a href="#">148.6880, 6.0698, -80.4104</a>
Hunter-Lab	<a href="#">64.4849, -37.5832, 8.0754</a>

# Details

The Hex color **39C1A1** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C13959**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7AFAD8**, and **008A6E** is the 20% darker color. If you saturate the color by 10%, you get **26C19C**, and if you desaturate by 10%, it is **4CC1A6**.

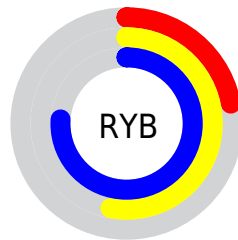
# Distribution



Red (22%)

Green (76%)

Blue (63%)



Red (22%)

Yellow (53%)

Blue (76%)

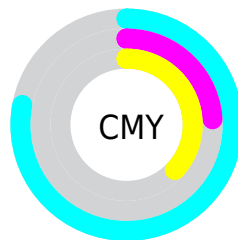


Cyan (70%)

Magenta (0%)

Yellow (17%)

Black (24%)



Cyan (78%)

Magenta (24%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39C1A1 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 39C1A1 by changing the saturation by 10% instead.





39C1A1



39C1A1

FFFFFF



00A587



7AFAD8



008A6E



98FFF4



007055



B6FFFF



00573E



D4FFFF



003F28



F2FFFF



002914



000400



000000



39C1A1



39C1A1

■ 26C19C

■ 4CC1A6

■ 12C198

■ 60C1AA

■ 00C194

■ 73C1AF

■ 86C1B3

■ 9AC1B8

■ ADC1BC

■ C0C1C1

■ D3C1C5

■ E7C1CA

# Harmonies

## Analogous

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



78BC7A



39C1A1



00C1CA

# Triad

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



39C1A1



A1A6F7



EC996E

# Complementary

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



39C1A1



C13959

# 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.



F98E90



39C1A1



D597DE

# Square

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



39C1A1



57B4FC



F38DB8



CFA75C

# Rectangle

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



39C1A1



00BFE2



F38DB8



F29478

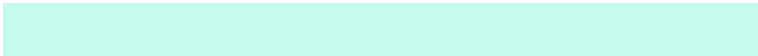


# Sweetspot

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



39C1A1



C5FAEE



5BC139



5E7D76



FCFCFC



7D7D7D



# Same Dimension

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



39C1A1



25FAC8



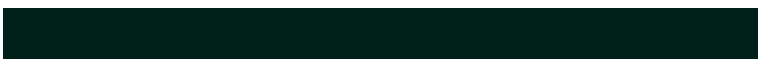
399FC1



57615F



00A17B



002119



# Inverse Universe

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



C13959



FA2557



C15B39



615759



A10026

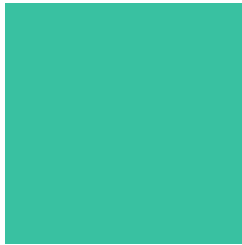


210008



# Previews

## White Background



This preview shows how the Hex color 39C1A1 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 39C1A1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

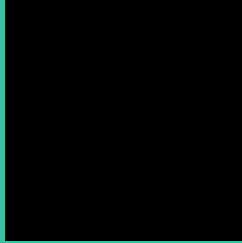
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

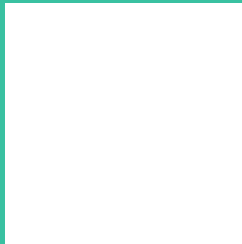
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 39C1A1 Background



This preview shows how black text looks on a background with the Hex color 39C1A1.



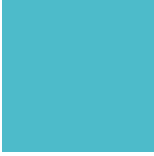
This preview shows how white text looks on a background with the Hex color 39C1A1.

# 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**  
4DBBCA

# Trichromacy



**Original Color**  
39C1A1



**Protanomaly**  
87B399



**Deuteranomaly**  
8DB0A5



**Tritanomaly**  
46BDBB

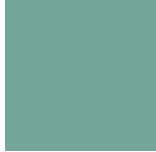
# Monochromacy



**Original Color**  
39C1A1



**Achromatopsia**  
959595



**Achromatomaly**  
74A599

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39C1A1 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 #39C1A1 looks like.

```
.text, #text, p{  
    color:#39C1A1  
}
```

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 #39C1A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39C1A1
}
```

## Border

The CSS property to change the border of an element to Hex 39C1A1 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
#39C1A1 }
```

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

```
.border{ border-color:#39C1A1 }
```

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

Here you see how a box with a 4 pixel #39C1A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39C1A1; -webkit-box-shadow:4px 4px  
4px 4px #39C1A1; box-shadow:4px 4px 4px  
4px #39C1A1 }
```

# Background

The CSS property to change the background color of an element to Hex 39C1A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39C1A1 }
```

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

```
.background{ background-color:#39C1A1 }
```

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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