

# Converting Colors

Hex(39CCC6)

Have a look what the booklet for  
Hex(39CCC6) contains.

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**Color**

**Hex(39CCC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39CCCC
RGB	57, 204, 198
RGB Percent	22%, 80%, 78%
CMY	0.7765, 0.2000, 0.2235
CMYK	0.72, 0.00, 0.03, 0.20
HSL	178°, 59%, 51%
HSV	178°, 72%, 80%
XYZ	33.4733, 48.1328, 60.9524
YIQ	159.3630, -85.6860, -33.0300

# Conversions

## Conversions Part 2

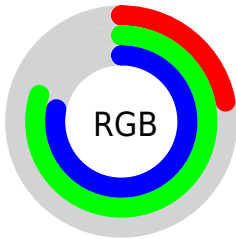
Format	Color
<a href="#">RYB</a>	57, 132, 204
Decimal	3787974
CIELab	74.91, -38.75, -8.09
CIElCh	75, 39.590, 191.795
Yxy	48.1328, 0.2348, 0.3376
Android (android.graphics.Color)	4281978054 (0xFF39CCC6)
YUV	159.3630, 19.0480, -89.7724
Hunter-Lab	69.3778, -35.2889, -3.5252

# Details

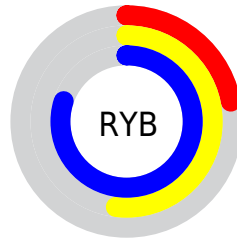
The Hex color **39CCC6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CC393F**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7EFFFF**, and **009590** is the 20% darker color. If you saturate the color by 10%, you get **25CCC5**, and if you desaturate by 10%, it is **4DCCC7**.

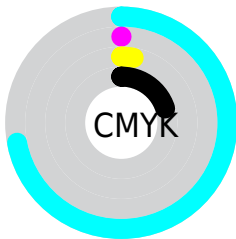
# Distribution



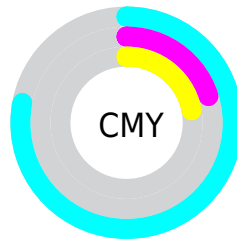
- Red (22%)
- Green (80%)
- Blue (78%)



- Red (22%)
- Yellow (52%)
- Blue (80%)



- Cyan (72%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (78%)
- Magenta (20%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39CCC6 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 39CCC6 by changing the saturation by 10% instead.



 39CCC6

 39CCC6

FFFFFF

 00B0AB

 7EFFFF

 009590

 9DFFFF

 007B77

 BBFFFF

 00615E

 DAFFFF

 004946

 F9FFFF

 003130

 001B1B

 000000

 39CCC6

 39CCC6

■ 25CCC5

■ 4DCCC7

■ 10CCC4

■ 62CCC8

■ 00CCC4

■ 76CCC8

■ 8BCCC9

■ 9FCCCA

■ B3CCCB

■ C8CCCC

■ DCCCCD

■ F1CCCD

# Harmonies

## Analogous

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



6CCAA0



39CCC6



21C9E8

# Triad

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



39CCC6



CFAAEF



E4AE73

# Complementary

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



39CCC6



CC393F

# 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.



FAA389



39CCC6



F19FD0

# Square

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



39CCC6



9BB7FF



FF9CAB



C2BB70

# Rectangle

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



39CCC6



47C5F8



FF9CAB



ECAA79

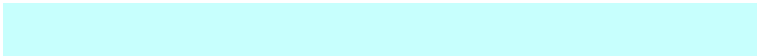


# Sweetspot

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



39CCC6



C7FFFD



40CC39



5E807E



000000



808080



# Same Dimension

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



39CCC6



24FFF6



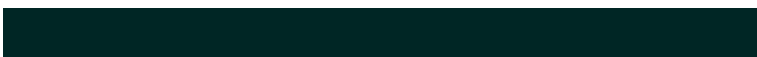
398ACC



5C6666



00A69F



002625



# Inverse Universe

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



CC393F



FF242D



CC7B39



665C5C



A60007

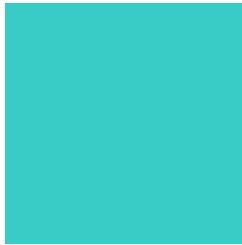


260002



# Previews

## White Background



This preview shows how the Hex color 39CCC6 looks on a white background.

## Color Contrast Check

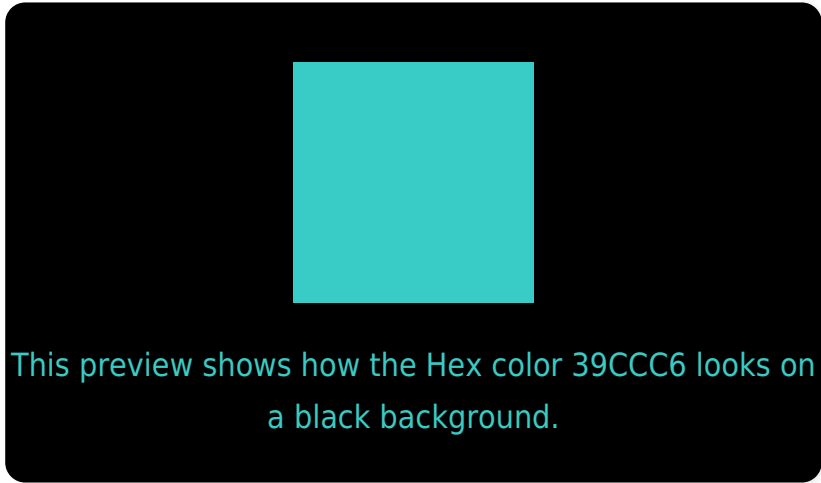
Large Text (above 18pt) WCAG AA × Fail

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

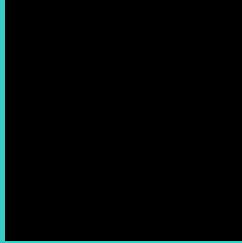
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

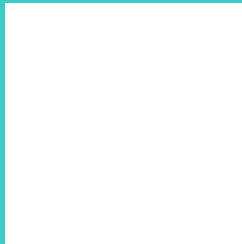
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 39CCC6 Background



This preview shows how black text looks on a background with the Hex color 39CCC6.



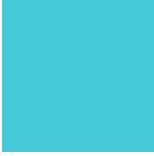
This preview shows how white text looks on a background with the Hex color 39CCC6.

# 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**  
45C9D9

# Trichromacy



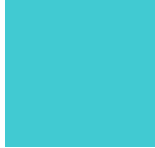
**Original Color**  
39CCC6



**Protanomaly**  
8ABEBE



**Deuteranomaly**  
8EBBCA

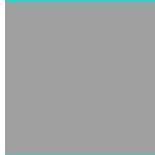


**Tritanomaly**  
41CAD2

# Monochromacy



**Original Color**  
39CCC6



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
7AAFAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39CCC6 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 #39CCC6 looks like.

```
.text, #text, p{  
    color:#39CCC6  
}
```

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 #39CCC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39CCC6
}
```

## Border

The CSS property to change the border of an element to Hex 39CCC6 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
#39CCC6 }
```

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

```
.border{ border-color:#39CCC6 }
```

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

Here you see how a box with a 4 pixel #39CCC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39CCC6; -webkit-box-shadow:4px 4px  
4px 4px #39CCC6; box-shadow:4px 4px 4px  
4px #39CCC6 }
```

# Background

The CSS property to change the background color of an element to Hex 39CCC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39CCC6 }
```

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

```
.background{ background-color:#39CCC6 }
```

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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