

# Converting Colors

Hex(39CEB6)

Have a look what the booklet for  
Hex(39CEB6) contains.

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**Color**

**Hex(39CEB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39CEB6
RGB	57, 206, 182
RGB Percent	22%, 81%, 71%
CMY	0.7765, 0.1922, 0.2863
CMYK	0.72, 0.00, 0.12, 0.19
HSL	170°, 60%, 52%
HSV	170°, 72%, 81%
XYZ	32.2021, 48.3899, 51.8989
YIQ	158.7130, -81.1000, -39.0520

# Conversions

## Conversions Part 2

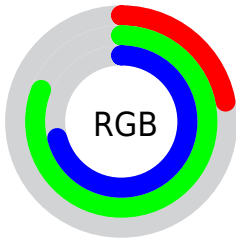
Format	Color
<a href="#">RYB</a>	<a href="#">57, 138, 206</a>
Decimal	<a href="#">3788470</a>
CIELab	<a href="#">75.07, -43.98, 0.79</a>
CIELCh	<a href="#">75, 43.985, 178.973</a>
Yxy	<a href="#">48.3899, 0.2431, 0.3652</a>
Android (android.graphics.Color)	<a href="#">4281978550 (0xFF39CEB6)</a>
YUV	<a href="#">158.7130, 11.4805, -89.2023</a>
Hunter-Lab	<a href="#">69.5628, -39.1034, 4.4593</a>

# Details

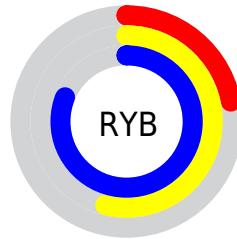
The Hex color **39CEB6** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **CE3951**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7DFEE**, and **009781** is the 20% darker color. If you saturate the color by 10%, you get **24CEB3**, and if you desaturate by 10%, it is **4ECEB9**.

# Distribution



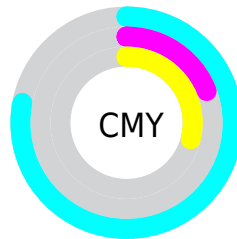
- Red (22%)
- Green (81%)
- Blue (71%)



- Red (22%)
- Yellow (54%)
- Blue (81%)



- Cyan (72%)
- Magenta (0%)
- Yellow (12%)
- Black (19%)



- Cyan (78%)
- Magenta (19%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39CEB6 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 39CEB6 by changing the saturation by 10% instead.





39CEB6



39CEB6

FFFFFF



00B29B



7DFFEE



009781



9CFFFF



007C68



BAFFFF



006350



D9FFFF



004A39



F7FFFF



003224



001B0F



000000



39CEB6



39CEB6

■ 24CEB3

■ 4ECEB9

■ 10CEAF

■ 62CEBD

■ 00CEAD

■ 77CEC0

■ 8BCEC3

■ A0CEC7

■ B5CECA

■ C9CEDD

■ DECED1

■ F2CED4

# Harmonies

## Analogous

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



79CA8E



39CEB6



00CDDF

# Triad

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



39CEB6



BBAFFF



F4A874

# Complementary

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



39CEB6



CE3951

# 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.



FF9C94



39CEB6



EAA0E3

# Square

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



39CEB6



78BDFE



FF99BC



D4B667

# Rectangle

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



39CEB6



00CAF5



FF99BC



FCA37D

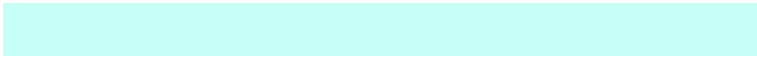


# Sweetspot

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



39CEB6



C7FFF6



52CE39



5E807A



000000



808080



# Same Dimension

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



39CEB6



21FFDB



399CCE



5C6664



00A68B



002620



# Inverse Universe

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



CE3951



FF2145



CE6B39



665C5D



A6001B

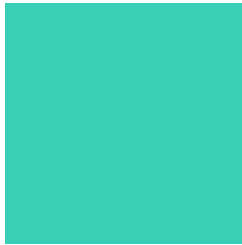


260006



# Previews

## White Background



This preview shows how the Hex color 39CEB6 looks on a white background.

## Color Contrast Check

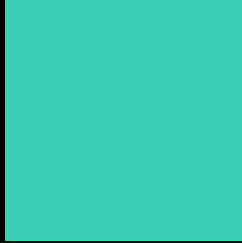
Large Text (above 18pt) WCAG AA × Fail

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 39CEB6 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

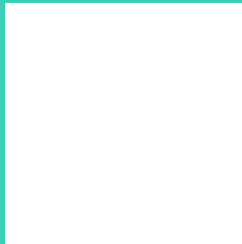
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 39CEB6 Background



This preview shows how black text looks on a background with the Hex color 39CEB6.



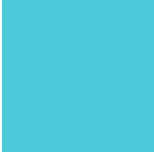
This preview shows how white text looks on a background with the Hex color 39CEB6.

# 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**  
4CC9D9

# Trichromacy



**Original Color**  
39CEB6



**Protanomaly**  
8EBFAE



**Deuteranomaly**  
93BCBA



**Tritanomaly**  
45CBCC

# Monochromacy



**Original Color**  
39CEB6



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
7AB0A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39CEB6 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 #39CEB6 looks like.

```
.text, #text, p{  
    color:#39CEB6  
}
```

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 #39CEB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39CEB6
}
```

## Border

The CSS property to change the border of an element to Hex 39CEB6 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
#39CEB6 }
```

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

```
.border{ border-color:#39CEB6 }
```

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

Here you see how a box with a 4 pixel #39CEB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39CEB6; -webkit-box-shadow:4px 4px  
4px 4px #39CEB6; box-shadow:4px 4px 4px  
4px #39CEB6 }
```

# Background

The CSS property to change the background color of an element to Hex 39CEB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39CEB6 }
```

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

```
.background{ background-color:#39CEB6 }
```

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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