

Converting Colors

Hex(39C169)

Have a look what the booklet for
Hex(39C169) contains.

Hex(39C169)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(39C169)

Conversions

Conversions Part 1

Format	Color
Hex	39C169
RGB	57, 193, 105
RGB Percent	22%, 76%, 41%
CMY	0.7765, 0.2431, 0.5882
CMYK	0.70, 0.00, 0.46, 0.24
HSL	141°, 54%, 49%
HSV	141°, 70%, 76%
XYZ	23.3071, 40.0297, 19.8627
YIQ	142.3040, -52.8080, -56.2000

Conversions

Conversions Part 2

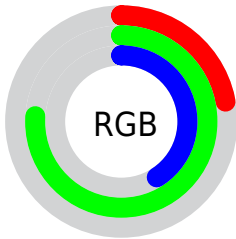
Format	Color
RYB	57, 158, 193
Decimal	3785065
CIELab	69.49, -55.54, 33.97
CIElCh	69, 65.101, 148.548
Yxy	40.0297, 0.2801, 0.4811
Android (android.graphics.Color)	4281975145 (0xFF39C169)
YUV	142.3040, -18.3909, -74.8116
Hunter-Lab	63.2690, -44.9648, 25.6748

Details

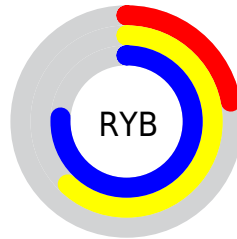
The Hex color **39C169** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C13991**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **79FB9D**, and **008A38** is the 20% darker color. If you saturate the color by 10%, you get **26C15D**, and if you desaturate by 10%, it is **4CC175**.

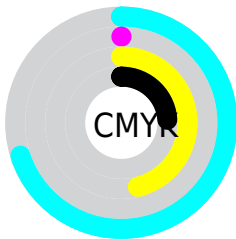
Distribution



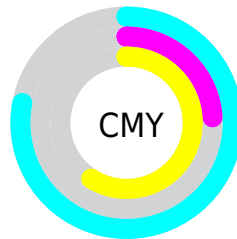
- Red (22%)
- Green (76%)
- Blue (41%)



- Red (22%)
- Yellow (62%)
- Blue (76%)



- Cyan (70%)
- Magenta (0%)
- Yellow (46%)
- Black (24%)



- Cyan (78%)
- Magenta (24%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39C169 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 39C169 by changing the saturation by 10% instead.



39C169



39C169

FFFFFF



01A550



79FB9D



008A38



97FFB9



007020



B5FFD5



005605



D2FFF1



003D00



F1FFFF



002700



000000



39C169



39C169



26C15D



4CC175

 12C150

 60C182

 00C144

 73C18E

 86C19B

 9AC1A7

 ADC1B4

 C0C1C0

 D3C1CD

 E7C1D9

Harmonies

Analogous

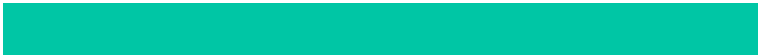
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91B738



39C169



00C6A5

Triad

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



39C169



00B1FF



FF7975

Complementary

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



39C169



C13991

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.



FF72AF



39C169



A59BFF

Square

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



39C169



00BFFF



EE82E8



F88F44

Rectangle

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



39C169



00C6CE



EE82E8



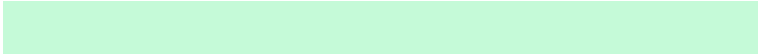
FF7488

Sweetspot

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



39C169



C5FAD8



91C139



5E7D69



FCFCFC



7D7D7D

Same Dimension

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



39C169



25FA70



39C1AD



57615B



00A139



00210C

Inverse Universe

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



C13991



FA25AF



C1394D



61575D



A10068



210015

Previews

White Background



This preview shows how the Hex color 39C169 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 39C169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

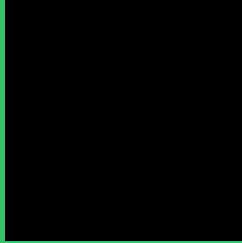
Any Text WCAG AA ✓ Pass

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 39C169 Background



This preview shows how black text looks on a background with the Hex color 39C169.

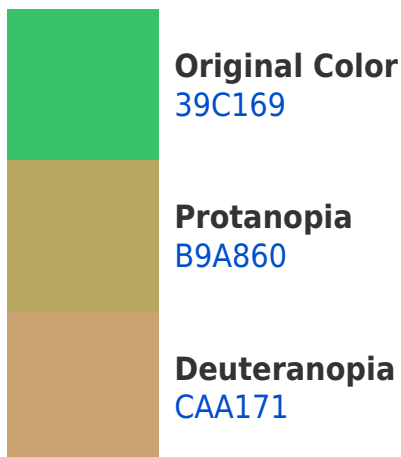


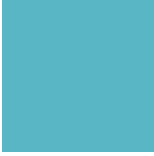
This preview shows how white text looks on a background with the Hex color 39C169.

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](#).

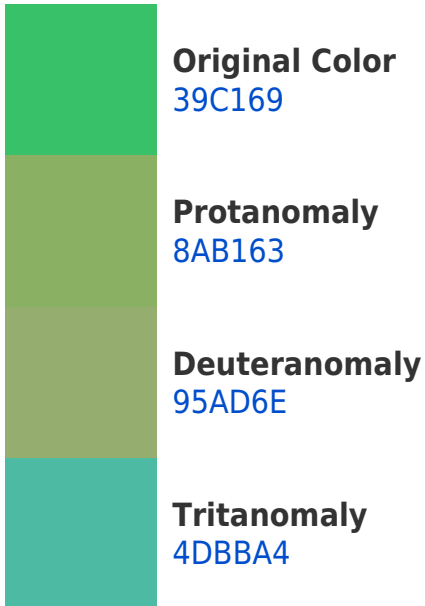
Dichromacy



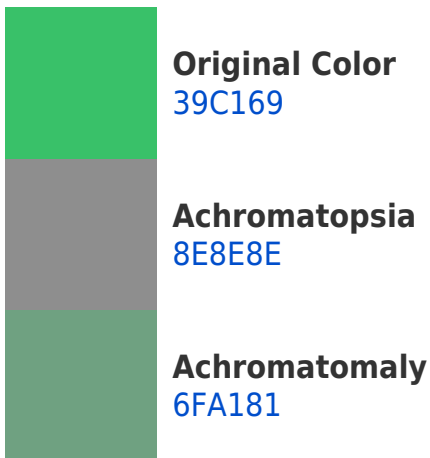


Tritanopia
59B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39C169 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 #39C169 looks like.

```
.text, #text, p{  
    color:#39C169  
}
```

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 #39C169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39C169
}
```

Border

The CSS property to change the border of an element to Hex 39C169 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
#39C169 }
```

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

```
.border{ border-color:#39C169 }
```

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

Here you see how a box with a 4 pixel #39C169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39C169; -webkit-box-shadow:4px 4px  
4px 4px #39C169; box-shadow:4px 4px 4px  
4px #39C169 }
```

Background

The CSS property to change the background color of an element to Hex 39C169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39C169 }
```

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

```
.background{ background-color:#39C169 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor