

# Converting Colors

Hex(C39A70)

Have a look what the booklet for  
Hex(C39A70) contains.

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**Color**

**Hex(C39A70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C39A70
RGB	195, 154, 112
RGB Percent	76%, 60%, 44%
CMY	0.2353, 0.3961, 0.5608
CMYK	0.00, 0.21, 0.43, 0.24
HSL	30°, 41%, 60%
HSV	30°, 43%, 76%
XYZ	36.9859, 35.8832, 20.3060
YIQ	161.4710, 37.9180, -4.3700

# Conversions

## Conversions Part 2

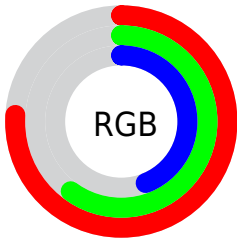
Format	Color
<a href="#">RYB</a>	<a href="#">193, 195, 112</a>
Decimal	<a href="#">12819056</a>
CIELab	<a href="#">66.43, 9.73, 27.86</a>
CIELCh	<a href="#">66, 29.507, 70.742</a>
Yxy	<a href="#">35.8832, 0.3970, 0.3851</a>
Android (android.graphics.Color)	<a href="#">4291009136 (0xFFC39A70)</a>
YUV	<a href="#">161.4710, -24.3892, 29.4049</a>
Hunter-Lab	<a href="#">59.9026, 5.3826, 21.8334</a>

# Details

The Hex color **C39A70** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7099C3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FDD0A4**, and **8B673F** is the 20% darker color. If you saturate the color by 10%, you get **C3905C**, and if you desaturate by 10%, it is **C3A484**.

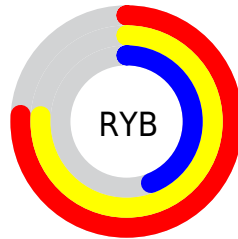
# Distribution



Red (76%)

Green (60%)

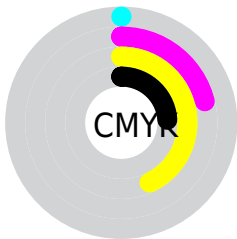
Blue (44%)



Red (76%)

Yellow (76%)

Blue (44%)

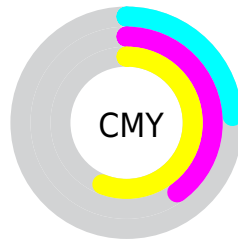


Cyan (0%)

Magenta (21%)

Yellow (43%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C39A70 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 C39A70 by changing the saturation by 10% instead.





C39A70



C39A70

FFFFFF



A78057



FDD0A4



8B673F



FFEDBF



714F29



FFFFDB



573813



FFFFF8



3E2200



250E00



000000



C39A70



C39A70



C3905C



C3A484

 C38749

 C3AD97

 C37D35

 C3B7AB

 C37322

 C3C1BE

 C36A0E

 C3CAD1

 C36300

 C3D4E5

 C3DDF8

 C3E7FF

 C3F1FF

# Harmonies

## Analogous

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



D39280



C39A70



ABA36D

# Triad

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



C39A70



53B0AA



B197CA

# Complementary

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



C39A70



7099C3

# 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.



8DA1D5



C39A70



4CAEC3

# Square

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



C39A70



6EAF8F



66A9D3



CB90B4

# Rectangle

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



C39A70



97A873



66A9D3



A69ACF

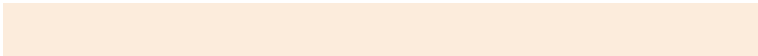


# Sweetspot

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



C39A70



FCECDC



C3709A



80756B



000000



808080



# Same Dimension

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



C39A70



FCBD7C



C3C370



615C57



A15100



211100

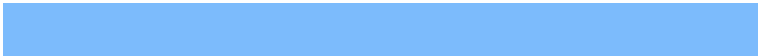


# Inverse Universe

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



7099C3



7CBBFC



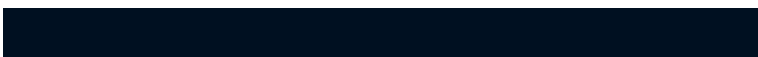
7070C3



575C61



004FA1



001021



# Previews

## White Background



This preview shows how the Hex color C39A70 looks on a white background.

## Color Contrast Check

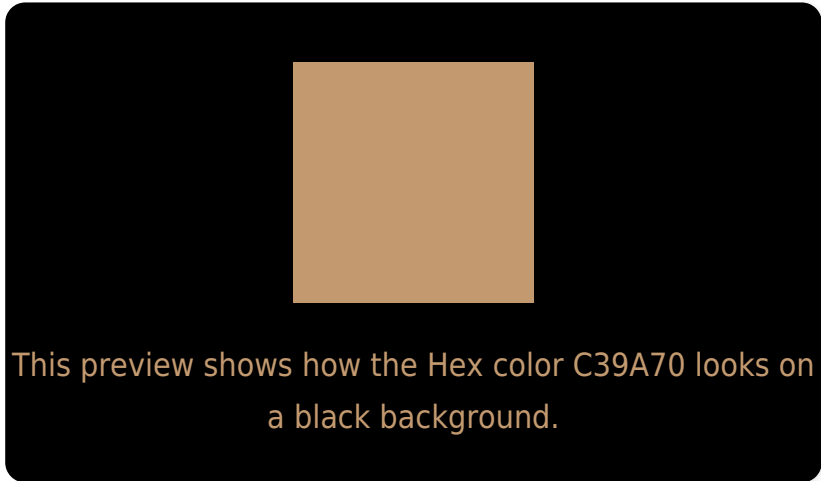
Large Text (above 18pt) WCAG AA × Fail

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

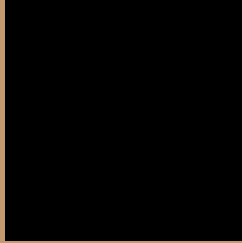
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C39A70 Background



This preview shows how black text looks on a background with the Hex color C39A70.



This preview shows how white text looks on a background with the Hex color C39A70.

# 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



**Original Color**  
C39A70

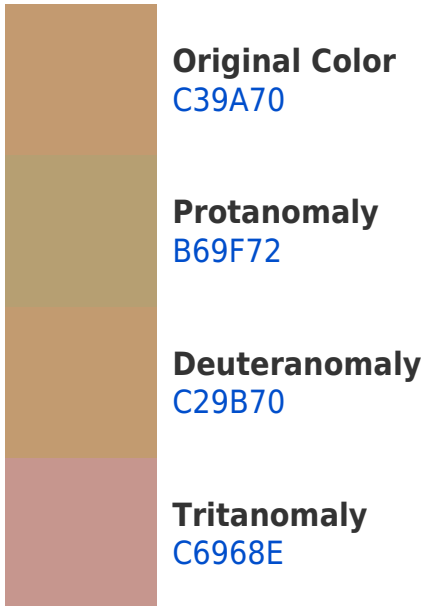
**Protanopia**  
AEA273

**Deuteranopia**  
C19B70

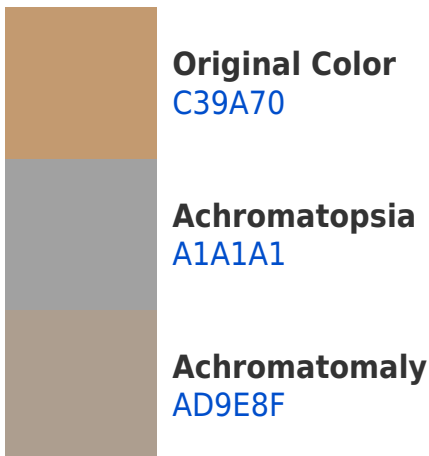


**Tritanopia**  
C8949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C39A70 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 #C39A70 looks like.

```
.text, #text, p{  
    color:#C39A70  
}
```

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 #C39A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C39A70  
}
```

## Border

The CSS property to change the border of an element to Hex C39A70 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  
#C39A70 }
```

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

```
.border{ border-color:#C39A70 }
```

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

Here you see how a box with a 4 pixel #C39A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C39A70; -webkit-box-shadow:4px 4px  
4px 4px #C39A70; box-shadow:4px 4px 4px  
4px #C39A70 }
```

# Background

The CSS property to change the background color of an element to Hex C39A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C39A70 }
```

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

```
.background{ background-color:#C39A70 }
```

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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