

# Converting Colors

Hex(C39D3A)

Have a look what the booklet for  
Hex(C39D3A) contains.

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# **Color**

**Hex(C39D3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C39D3A
RGB	195, 157, 58
RGB Percent	76%, 62%, 23%
CMY	0.2353, 0.3843, 0.7725
CMYK	0.00, 0.19, 0.70, 0.24
HSL	43°, 54%, 50%
HSV	43°, 70%, 76%
XYZ	35.3264, 36.0215, 9.0939
YIQ	157.0760, 54.4270, -22.7330

# Conversions

## Conversions Part 2

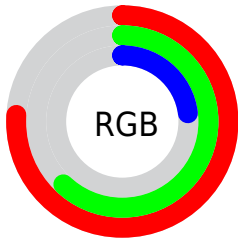
Format	Color
<a href="#">RYB</a>	<a href="#">111, 195, 58</a>
Decimal	<a href="#">12819770</a>
CIELab	<a href="#">66.54, 3.73, 54.88</a>
CIELCh	<a href="#">67, 55.008, 86.109</a>
Yxy	<a href="#">36.0215, 0.4392, 0.4478</a>
Android (android.graphics.Color)	<a href="#">4291009850</a> ( <a href="#">0xFFC39D3A</a> )
YUV	<a href="#">157.0760, -48.8445, 33.2593</a>
Hunter-Lab	<a href="#">60.0179, 0.0331, 33.0289</a>

# Details

The Hex color **C39D3A** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3A60C3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFD36E**, and **896A00** is the 20% darker color. If you saturate the color by 10%, you get **C39826**, and if you desaturate by 10%, it is **C3A24D**.

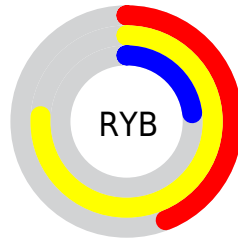
# Distribution



Red (76%)

Green (62%)

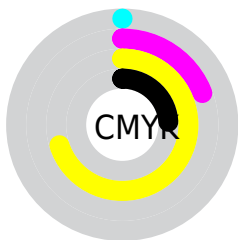
Blue (23%)



Red (44%)

Yellow (76%)

Blue (23%)

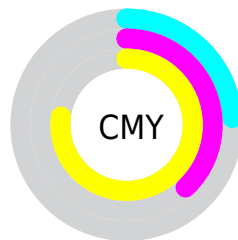


Cyan (0%)

Magenta (19%)

Yellow (70%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C39D3A 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 C39D3A by changing the saturation by 10% instead.



 C39D3A

 C39D3A

FFFFFF

 A6831E

 FFD36E

 896A00

 FFF089

 6E5200

 FFFFFA4

 533B00

 FFFFFC0

 382600

 FFFFFDD

 201200

 FFFFFFFA

 000000

 C39D3A

 C39D3A

 C39826

 C3A24D

 C39213

 C3A861

 C38D00

 C3AD74

 C3B388

 C3B89B

 C3BDAF

 C3C3C2

 C3C8D6

 C3CEE9

# Harmonies

## Analogous

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



E88A50



C39D3A



93AC44

# Triad

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



C39D3A



00BACC



D883DA

# Complementary

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



C39D3A



3A60C3

# 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.



9997FB



C39D3A



00B5F3

# Square

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



C39D3A



00BA9A



03A9FF



F877AA

# Rectangle

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



C39D3A



6BB35A



03A9FF



C78AE7

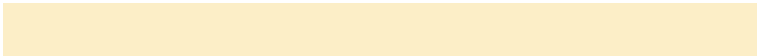


# Sweetspot

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



C39D3A



FCEEC7



C33A61



807760



000000



808080



# Same Dimension

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



C39D3A



FCC228



A5C33A



615E57



A17400



211800



# Inverse Universe

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



3A60C3



2863FC



583AC3



575A61



002DA1

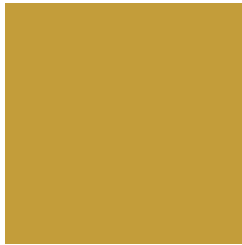


000921



# Previews

## White Background



This preview shows how the Hex color C39D3A looks on a white background.

## Color Contrast Check

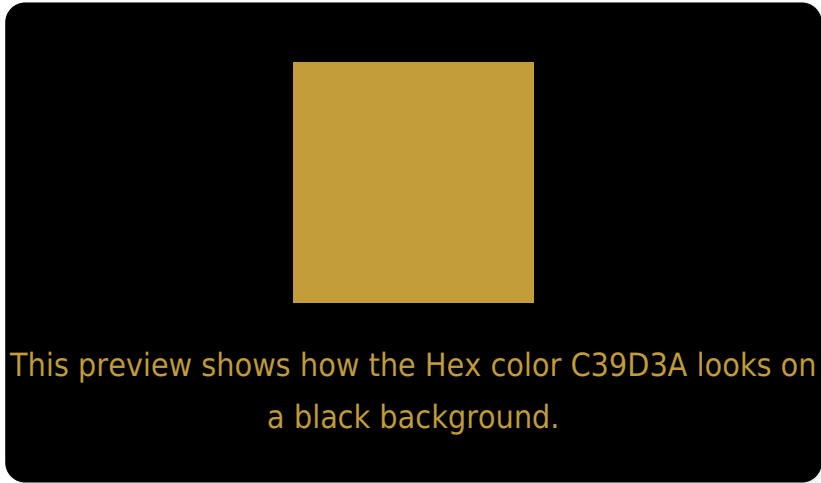
Large Text (above 18pt) WCAG AA × Fail

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 C39D3A Background



This preview shows how black text looks on a background with the Hex color C39D3A.



This preview shows how white text looks on a background with the Hex color C39D3A.

# 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**  
C39D3A

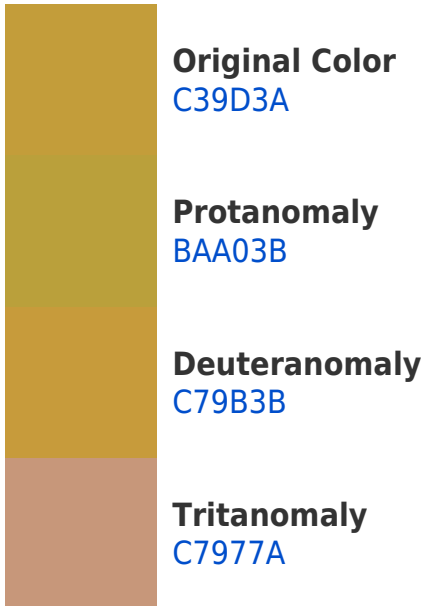
**Protanopia**  
B5A23B

**Deuteranopia**  
CA9A3B



**Tritanopia**  
CA939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C39D3A 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 #C39D3A looks like.

```
.text, #text, p{  
    color:#C39D3A  
}
```

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 #C39D3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C39D3A
}
```

## Border

The CSS property to change the border of an element to Hex C39D3A 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
#C39D3A }
```

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

```
.border{ border-color:#C39D3A }
```

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

Here you see how a box with a 4 pixel #C39D3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C39D3A; -webkit-box-shadow:4px 4px  
4px 4px #C39D3A; box-shadow:4px 4px 4px  
4px #C39D3A }
```

# Background

The CSS property to change the background color of an element to Hex C39D3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C39D3A }
```

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

```
.background{ background-color:#C39D3A }
```

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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