

# Converting Colors

Hex(C39A06)

Have a look what the booklet for  
Hex(C39A06) contains.

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**Color**

**Hex(C39A06)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C39A06
RGB	195, 154, 6
RGB Percent	76%, 60%, 2%
CMY	0.2353, 0.3961, 0.9765
CMYK	0.00, 0.21, 0.97, 0.24
HSL	47°, 94%, 39%
HSV	47°, 97%, 76%
XYZ	34.0941, 34.7265, 5.0782
YIQ	149.3870, 71.9440, -37.3360

# Conversions

## Conversions Part 2

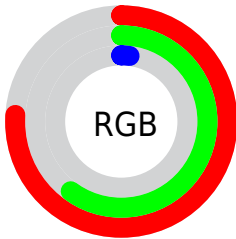
Format	Color
<a href="#">RYB</a>	<a href="#">58, 195, 6</a>
Decimal	<a href="#">12818950</a>
CIELab	<a href="#">65.54, 3.82, 68.59</a>
CIELCh	<a href="#">66, 68.693, 86.813</a>
Yxy	<a href="#">34.7265, 0.4614, 0.4699</a>
Android (android.graphics.Color)	<a href="#">4291009030</a> ( <a href="#">0xFFC39A06</a> )
YUV	<a href="#">149.3870, -70.6898, 40.0026</a>
Hunter-Lab	<a href="#">58.9292, 0.1472, 36.1411</a>

# Details

The Hex color **C39A06** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **062FC3**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFD04D**, and **886700** is the 20% darker color. If you saturate the color by 10%, you get **C39900**, and if you desaturate by 10%, it is **C39E19**.

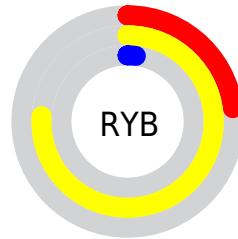
# Distribution



Red (76%)

Green (60%)

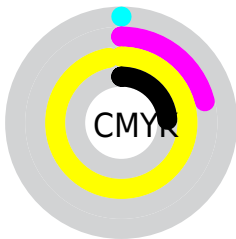
Blue (2%)



Red (23%)

Yellow (76%)

Blue (2%)

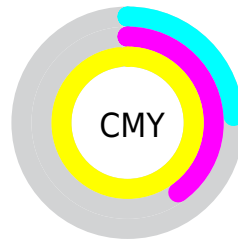


Cyan (0%)

Magenta (21%)

Yellow (97%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C39A06 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 C39A06 by changing the saturation by 10% instead.



 C39A06

 C39A06

FFFFFF

 A58000

 FFD04D

 886700

 FFEC68

 6C5000

 FFFF84

 503900

 FFFFA0

 362400

 FFFFBC

 1D0F00

 FFFFD9

 000000

 FFFFF6

 C39A06

 C39A06

■ C39900

■ C39E19

■ C3A22D

■ C3A741

■ C3AB54

■ C3AF68

■ C3B37B

■ C3B88F

■ C3BCA2

■ C3C0B6

# Harmonies

## Analogous

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



F18136



C39A06



87AC20

# Triad

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



C39A06



00BCD5



E376E3

# Complementary

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



C39A06



062FC3

# 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.



9292FF



C39A06



00B6FF

# Square

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



C39A06



00BB96



00A8FF



FF62A8

# Rectangle

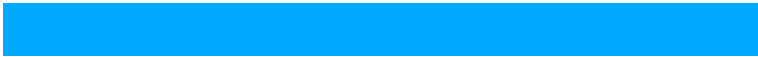
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C39A06



52B444



00A8FF



CD7FF4



# Sweetspot

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



C39A06



FCEDB3



C30632



807653



000000



808080



# Same Dimension

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



C39A06



FCC600



91C306



615F57



A17E00



211A00



# Inverse Universe

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



062FC3



0037FC



3806C3



575961



0023A1

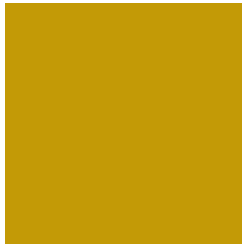


000721



# Previews

## White Background



This preview shows how the Hex color C39A06 looks on a white background.

## Color Contrast Check

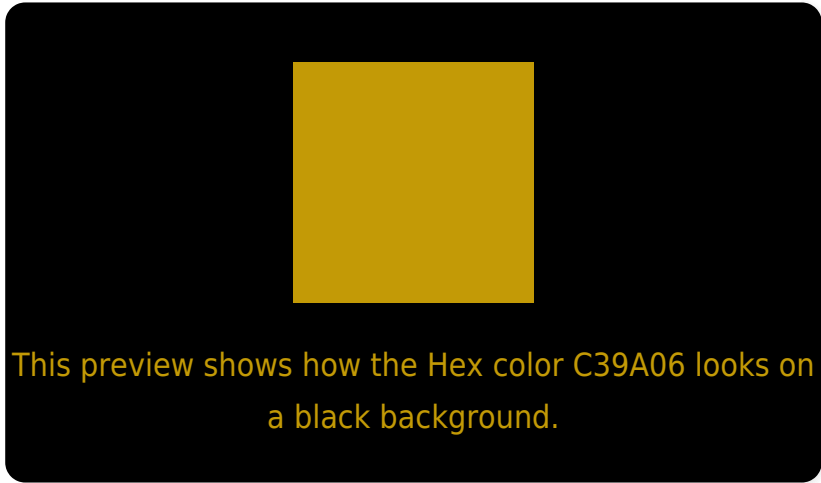
Large Text (above 18pt) WCAG AA × Fail

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 C39A06 Background



This preview shows how black text looks on a background with the Hex color C39A06.



This preview shows how white text looks on a background with the Hex color C39A06.

# 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**  
C39A06

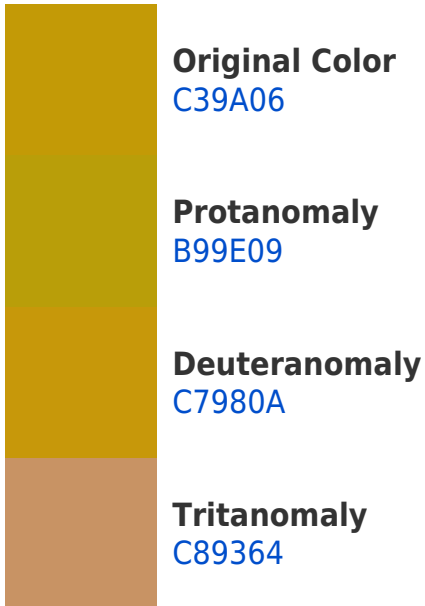
**Protanopia**  
B4A00B

**Deuteranopia**  
CA970D

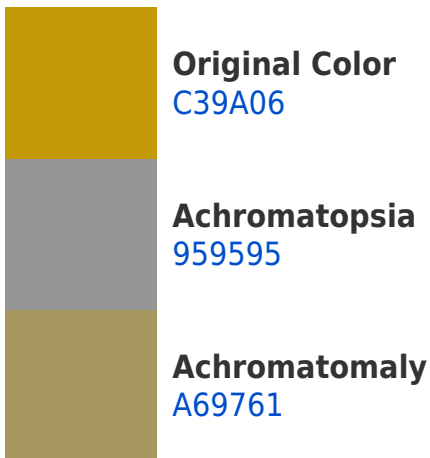


**Tritanopia**  
CB8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C39A06 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 #C39A06 looks like.

```
.text, #text, p{  
    color:#C39A06  
}
```

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 #C39A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C39A06
}
```

## Border

The CSS property to change the border of an element to Hex C39A06 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
#C39A06 }
```

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

```
.border{ border-color:#C39A06 }
```

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

Here you see how a box with a 4 pixel #C39A06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C39A06; -webkit-box-shadow:4px 4px  
4px 4px #C39A06; box-shadow:4px 4px 4px  
4px #C39A06 }
```

# Background

The CSS property to change the background color of an element to Hex C39A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C39A06 }
```

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

```
.background{ background-color:#C39A06 }
```

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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