

# Converting Colors

Hex(C3A309)

Have a look what the booklet for  
Hex(C3A309) contains.

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**Color**

**Hex(C3A309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3A309
RGB	195, 163, 9
RGB Percent	76%, 64%, 4%
CMY	0.2353, 0.3608, 0.9647
CMYK	0.00, 0.16, 0.95, 0.24
HSL	50°, 91%, 40%
HSV	50°, 95%, 76%
XYZ	35.6522, 37.8162, 5.6786
YIQ	155.0120, 68.5060, -41.1100

# Conversions

## Conversions Part 2

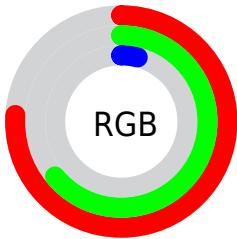
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 195, 9
Decimal	12821257
CIELab	67.88, -0.98, 69.91
CIELCh	68, 69.912, 90.802
Yxy	37.8162, 0.4505, 0.4778
Android (android.graphics.Color)	4291011337 (0xFFC3A309)
YUV	155.0120, -71.9839, 35.0695
Hunter-Lab	61.4949, -4.1292, 37.5714

# Details

The Hex color **C3A309** 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 **0929C3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFDA4F**, and **887000** is the 20% darker color. If you saturate the color by 10%, you get **C3A100**, and if you desaturate by 10%, it is **C3A61C**.

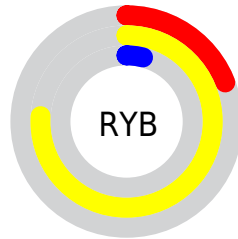
# Distribution



Red (76%)

Green (64%)

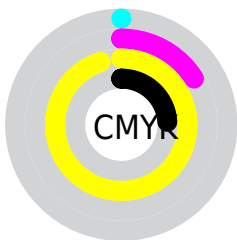
Blue (4%)



Red (19%)

Yellow (76%)

Blue (4%)

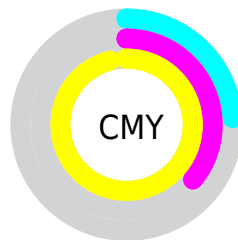


Cyan (0%)

Magenta (16%)

Yellow (95%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3A309 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 C3A309 by changing the saturation by 10% instead.



 C3A309

 C3A309

FFFFFF

 A58900

 FFDA4F

 887000

 FFF66B

 6C5800


 FFFF87

 504100

 FFFFA3

 362B00

 FFFFC0

 1E1700

 FFFFDD

 000000

 FFFFFA

 C3A309

 C3A309

■ C3A100

■ C3A61C

■ C3AA30

■ C3AD43

■ C3B057

■ C3B46B

■ C3B77E

■ C3BA92

■ C3BEA5

■ C3C1B8

# Harmonies

## Analogous

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



F48B33



C3A309



84B42B

# Triad

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



C3A309



00C2E4



F277E4

# Complementary

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



C3A309



0929C3

# 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.



A694FF



C3A309



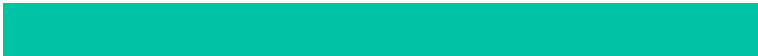
00BBFF

# Square

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



C3A309



00C3A5



00ACFF



FF67A6

# Rectangle

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



C3A309



48BC50



00ACFF



DE81F6

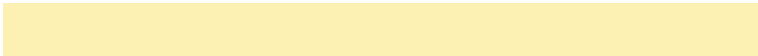


# Sweetspot

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



C3A309



FCF0B3



C3092B



807853



000000



808080



# Same Dimension

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



C3A309



FCD100



88C309



615F57



A18500



211B00



# Inverse Universe

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



0929C3



002BFC



4409C3



575961



001CA1

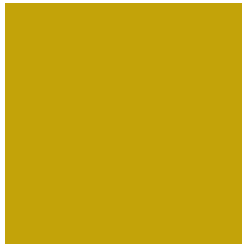


000621



# Previews

## White Background



This preview shows how the Hex color C3A309 looks on a white background.

## Color Contrast Check

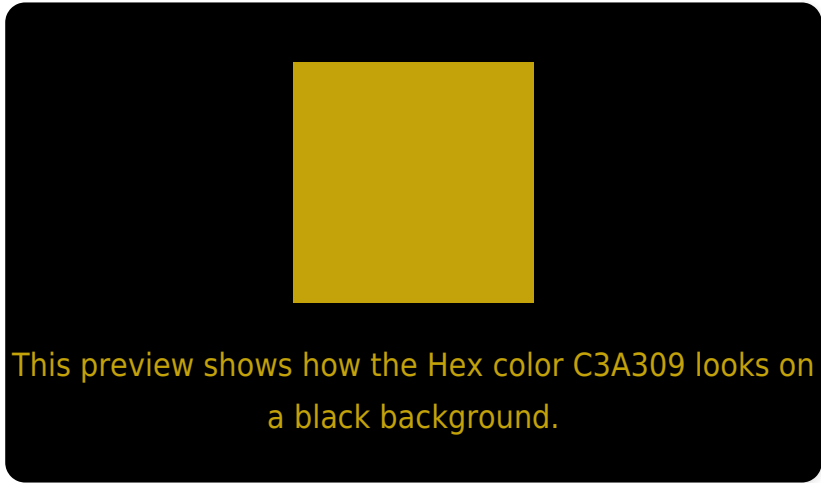
Large Text (above 18pt) WCAG AA × Fail

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 C3A309 Background



This preview shows how black text looks on a background with the Hex color C3A309.

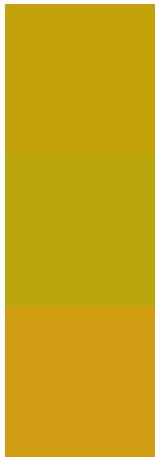


This preview shows how white text looks on a background with the Hex color C3A309.

# 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**  
C3A309

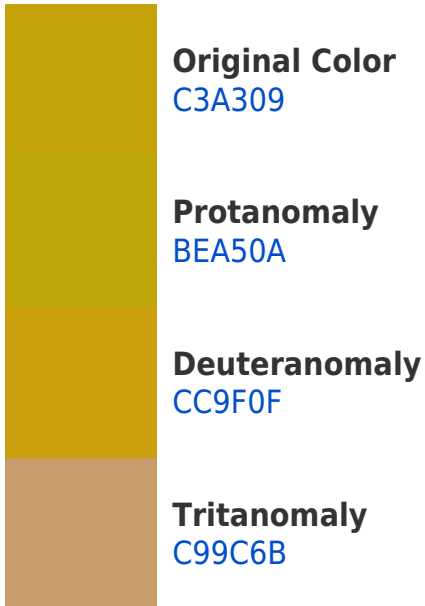
**Protanopia**  
BBA60B

**Deuteranopia**  
D19D13

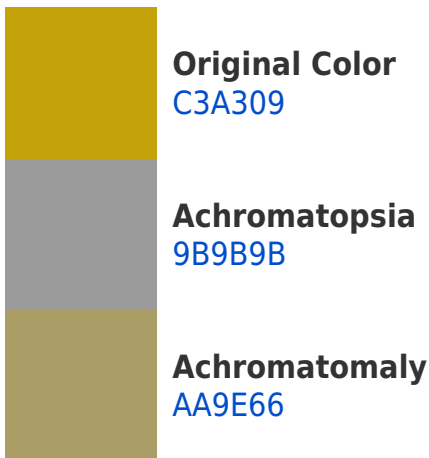


**Tritanopia**  
CC98A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3A309 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 #C3A309 looks like.

```
.text, #text, p{  
    color:#C3A309  
}
```

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 #C3A309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3A309
}
```

## Border

The CSS property to change the border of an element to Hex C3A309 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
#C3A309 }
```

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

```
.border{ border-color:#C3A309 }
```

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

Here you see how a box with a 4 pixel #C3A309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3A309; -webkit-box-shadow:4px 4px  
4px 4px #C3A309; box-shadow:4px 4px 4px  
4px #C3A309 }
```

# Background

The CSS property to change the background color of an element to Hex C3A309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3A309 }
```

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

```
.background{ background-color:#C3A309 }
```

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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