

Converting Colors

Hex(C0A309)

Have a look what the booklet for
Hex(C0A309) contains.

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Color

Hex(C0A309)

Conversions

Conversions Part 1

Format	Color
Hex	C0A309
RGB	192, 163, 9
RGB Percent	75%, 64%, 4%
CMY	0.2471, 0.3608, 0.9647
CMYK	0.00, 0.15, 0.95, 0.25
HSL	50°, 91%, 39%
HSV	50°, 95%, 75%
XYZ	34.8847, 37.4206, 5.6427
YIQ	154.1150, 66.7180, -41.7460

Conversions

Conversions Part 2

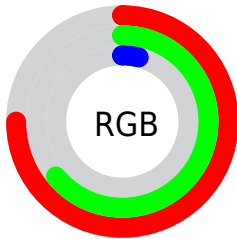
Format	Color
RYB	43, 192, 9
Decimal	12624649
CIELab	67.59, -2.32, 69.56
CIELCh	68, 69.596, 91.910
Yxy	37.4206, 0.4475, 0.4801
Android (android.graphics.Color)	4290814729 (0xFFC0A309)
YUV	154.1150, -71.5417, 33.2251
Hunter-Lab	61.1724, -5.2585, 37.3516

Details

The Hex color **C0A309** 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 **0926C0**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FCDA4F**, and **867000** is the 20% darker color. If you saturate the color by 10%, you get **C0A200**, and if you desaturate by 10%, it is **C0A61C**.

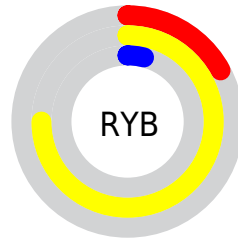
Distribution



Red (75%)

Green (64%)

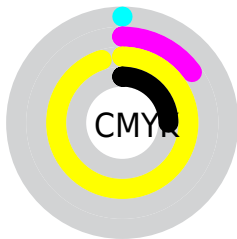
Blue (4%)



Red (17%)

Yellow (75%)

Blue (4%)

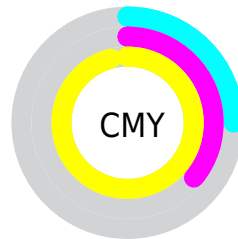


Cyan (0%)

Magenta (15%)

Yellow (95%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0A309 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 C0A309 by changing the saturation by 10% instead.

 C0A309

 C0A309

FFFFFF

 A38900

 FCDA4F

 867000

 FFF66B

 6A5800

 FFFF87

 4E4100

 FFFFA3

 342B00

 FFFFBF

 1B1700

 FFFFDC

 000000

 FFFFFA

 C0A309

 C0A309

■ C0A200

■ C0A61C

■ C0A92F

■ C0AC43

■ C0AF56

■ C0B269

■ C0B57C

■ C0B88F

■ C0BBA3

■ C0BEB6

Harmonies

Analogous

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



F18B31



C0A309



80B42D

Triad

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



C0A309



00C1E5



F376E1

Complementary

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



COA309



0926C0

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.



A992FF



C0A309



00BAFF

Square

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



C0A309



00C2A7



00ABFF



FF66A3

Rectangle

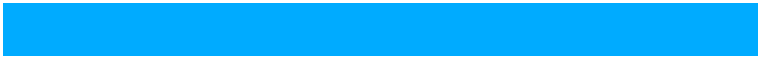
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C0A309



44BB52



00ABFF



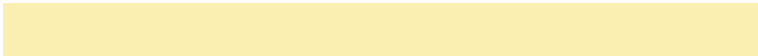
E07FF3

Sweetspot

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



COA309



FAEEB1



C00928



7D7651



FCFCFC



7D7D7D

Same Dimension

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



C0A309



FAD200



83C009



615F57



A18700



211C00

Inverse Universe

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



0926C0



0028FA



4609C0



575961



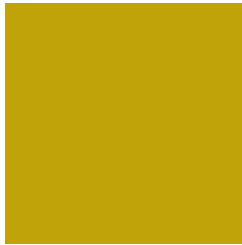
0019A1



000521

Previews

White Background



This preview shows how the Hex color C0A309 looks on a white background.

Color Contrast Check

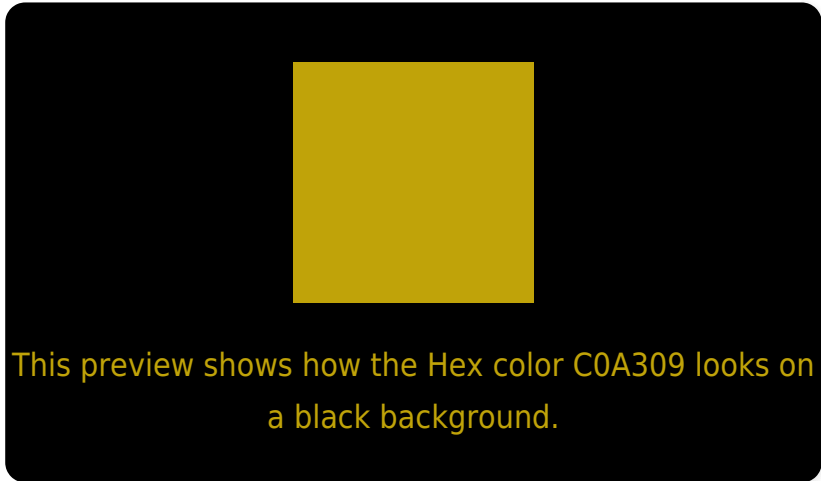
Large Text (above 18pt) WCAG AA × Fail

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 C0A309 Background



This preview shows how black text looks on a background with the Hex color C0A309.

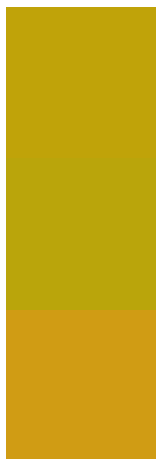


This preview shows how white text looks on a background with the Hex color C0A309.

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
C0A309

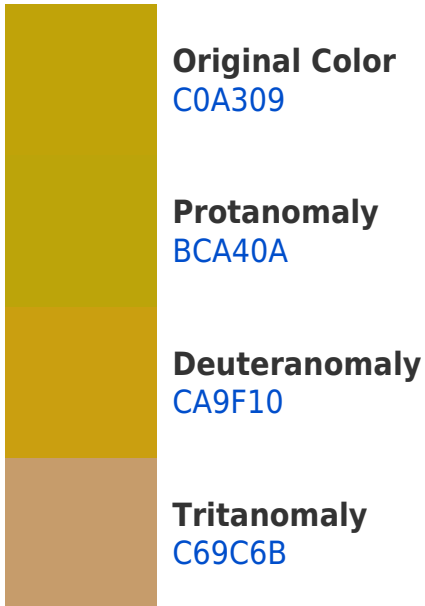
Protanopia
BAA50B

Deuteranopia
D09C14

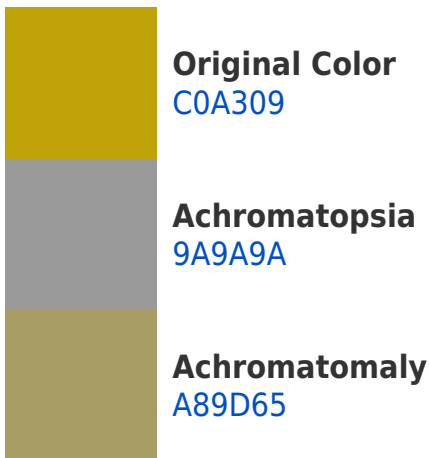


Tritanopia
C998A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0A309 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 #C0A309 looks like.

```
.text, #text, p{  
    color:#C0A309  
}
```

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 #C0A309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0A309
}
```

Border

The CSS property to change the border of an element to Hex C0A309 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
#C0A309 }
```

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

```
.border{ border-color:#C0A309 }
```

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

Here you see how a box with a 4 pixel #C0A309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0A309; -webkit-box-shadow:4px 4px  
4px 4px #C0A309; box-shadow:4px 4px 4px  
4px #C0A309 }
```

Background

The CSS property to change the background color of an element to Hex C0A309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0A309 }
```

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

```
.background{ background-color:#C0A309 }
```

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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