

# Converting Colors

Hex(C4AF1F)

Have a look what the booklet for  
Hex(C4AF1F) contains.

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# **Color**

**Hex(C4AF1F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4AF1F
RGB	196, 175, 31
RGB Percent	77%, 69%, 12%
CMY	0.2314, 0.3137, 0.8784
CMYK	0.00, 0.11, 0.84, 0.23
HSL	52°, 73%, 45%
HSV	52°, 84%, 77%
XYZ	38.3422, 42.4946, 7.4778
YIQ	164.8630, 58.7400, -40.3320

# Conversions

## Conversions Part 2

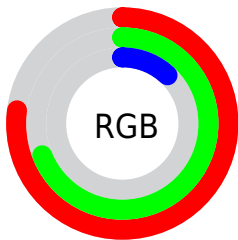
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">55, 196, 31</a>
Decimal	<a href="#">12889887</a>
CIELab	<a href="#">71.21, -6.46, 68.46</a>
CIELCh	<a href="#">71, 68.764, 95.393</a>
Yxy	<a href="#">42.4946, 0.4342, 0.4812</a>
Android (android.graphics.Color)	<a href="#">4291079967 (0xFFC4AF1F)</a>
YUV	<a href="#">164.8630, -65.9945, 27.3071</a>
Hunter-Lab	<a href="#">65.1879, -9.0887, 38.8303</a>

# Details

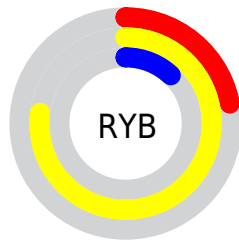
The Hex color **C4AF1F** is a dark color, and the websafe version is hex **999900**. The color can be described as dark washed orange. A complement of this color would be **1F34C4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFE65B**, and **8A7B00** is the 20% darker color. If you saturate the color by 10%, you get **C4AD0B**, and if you desaturate by 10%, it is **C4B133**.

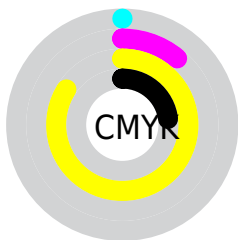
# Distribution



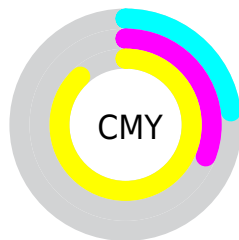
- Red (77%)
- Green (69%)
- Blue (12%)



- Red (22%)
- Yellow (77%)
- Blue (12%)



- Cyan (0%)
- Magenta (11%)
- Yellow (84%)
- Black (23%)



- Cyan (23%)
- Magenta (31%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4AF1F 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 C4AF1F by changing the saturation by 10% instead.



 C4AF1F

 C4AF1F

FFFFFF

 A79500

 FFE65B

 8A7B00

 FFFF77

 6E6200

 FFFF93

 524B00

 FFFFFAF

 383500

 FFFFCC

 1F2000

 FFFFE9

 000800

 000000

 C4AF1F

 C4AF1F

 C4AD0B

 C4B133

 C4AB00

 C4B446

 C4B65A

 C4B96D

 C4BB81

 C4BE95

 C4C0A8

 C4C3BC

 C4C5CF

# Harmonies

## Analogous

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



F79837



C4AF1F



83BF3F

# Triad

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



C4AF1F



00CBF5



FF7EE4

# Complementary

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



C4AF1F



1F34C4

# 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.



BF99FF



C4AF1F



00C3FF

# Square

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



C4AF1F



00CCB8



1EB2FF



FF72A6

# Rectangle

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



C4AF1F



43C663



1EB2FF



F186F6



# Sweetspot

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



C4AF1F



FFF7BF



C41F35



807B59



000000



808080



# Same Dimension

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



C4AF1F



FFDF00



88C41F



616057



A18C00



211D00



# Inverse Universe

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



1F34C4



0020FF



5B1FC4



575861



0014A1

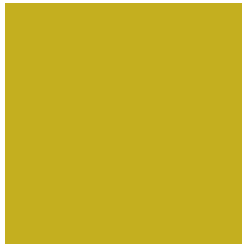


000421



# Previews

## White Background



This preview shows how the Hex color C4AF1F looks on a white background.

## Color Contrast Check

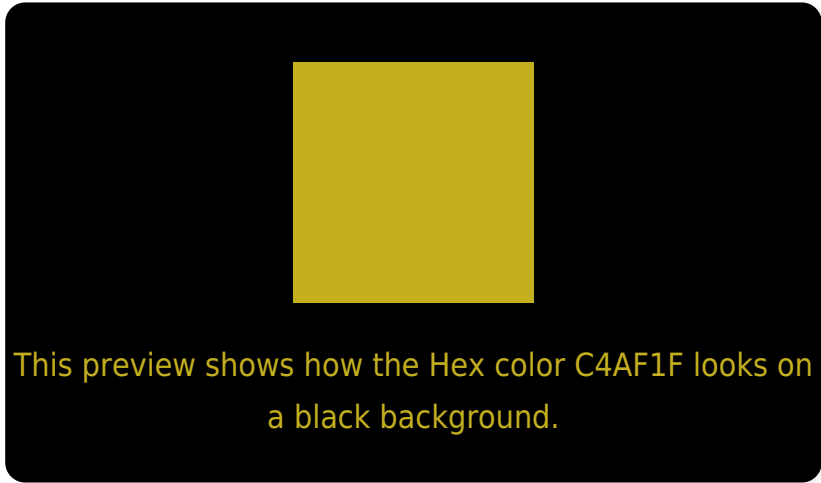
Large Text (above 18pt) WCAG AA × Fail

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 C4AF1F Background



This preview shows how black text looks on a background with the Hex color C4AF1F.



This preview shows how white text looks on a background with the Hex color C4AF1F.

# 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



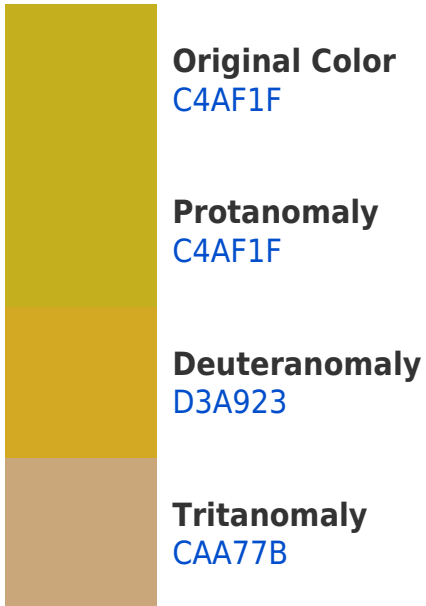
**Original Color**  
C4AF1F

**Protanopia**  
C4AF1F

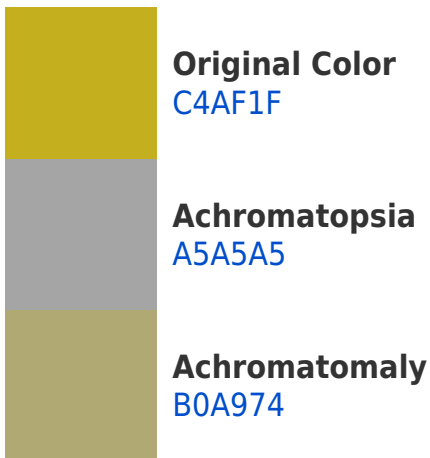
**Deuteranopia**  
DCA525



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4AF1F 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 #C4AF1F looks like.

```
.text, #text, p{  
    color:#C4AF1F  
}
```

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 #C4AF1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4AF1F
}
```

## Border

The CSS property to change the border of an element to Hex C4AF1F 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
#C4AF1F }
```

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

```
.border{ border-color:#C4AF1F }
```

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

Here you see how a box with a 4 pixel #C4AF1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4AF1F; -webkit-box-shadow:4px 4px  
4px 4px #C4AF1F; box-shadow:4px 4px 4px  
4px #C4AF1F }
```

# Background

The CSS property to change the background color of an element to Hex C4AF1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4AF1F }
```

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

```
.background{ background-color:#C4AF1F }
```

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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