

Converting Colors

Hex(C49A1C)

Have a look what the booklet for
Hex(C49A1C) contains.

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Color

Hex(C49A1C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C49A1C |
| RGB | 196, 154, 28 |
| RGB Percent | 77%, 60%, 11% |
| CMY | 0.2314, 0.3961, 0.8902 |
| CMYK | 0.00, 0.21, 0.86, 0.23 |
| HSL | 45°, 75%, 44% |
| HSV | 45°, 86%, 77% |
| XYZ | 34.5302, 34.9308, 6.0210 |
| YIQ | 152.1940, 65.4780, -30.2820 |

Conversions

Conversions Part 2

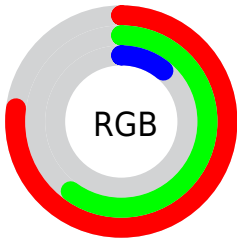
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 84, 196, 28 |
| Decimal | 12884508 |
| CIELab | 65.69, 4.64, 64.66 |
| CIELCh | 66, 64.823, 85.896 |
| Yxy | 34.9308, 0.4575, 0.4628 |
| Android (android.graphics.Color) | 4291074588 (0xFFC49A1C) |
| YUV | 152.1940, -61.2276, 38.4179 |
| Hunter-Lab | 59.1023, 0.8585, 35.3315 |

Details

The Hex color **C49A1C** 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 **1C46C4**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFD057**, and **896700** is the 20% darker color. If you saturate the color by 10%, you get **C49508**, and if you desaturate by 10%, it is **C49F30**.

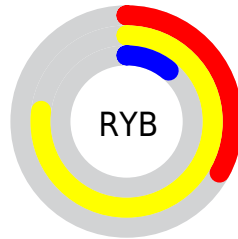
Distribution



Red (77%)

Green (60%)

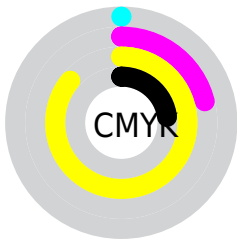
Blue (11%)



Red (33%)

Yellow (77%)

Blue (11%)

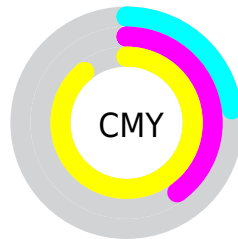


Cyan (0%)

Magenta (21%)

Yellow (86%)

Black (23%)



Cyan (23%)

Magenta (40%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color C49A1C 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 C49A1C by changing the saturation by 10% instead.

 C49A1C

 C49A1C

FFFFFF

 A68000

 FFD057

 896700

 FFEC72

 6D5000

 FFFF8D

 513900

 FFFFA9

 372400

 FFFFC5

 1F0F00

 FFFFE2

 000000

 C49A1C

 C49A1C

 C49508

 C49F30

 C49300

 C4A443

 C4A957

 C4AE6A

 C4B37E

 C4B792

 C4BCA5

 C4C1B9

 C4C6CC

Harmonies

Analogous

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



EF833E



C49A1C



8CAB2B

Triad

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



C49A1C



00BBD1



DE7AE2

Complementary

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



C49A1C



1C46C4

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.



9194FF



C49A1C



00B5FF

Square

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



C49A1C



00BB95



00A9FF



FF68AA

Rectangle

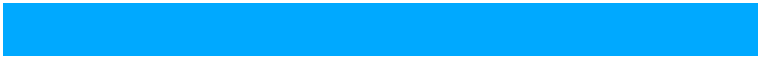
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C49A1C



5CB349



00A9FF



CA82F1

Sweetspot

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



C49A1C



FFEEBD



C41C46



807658



000000



808080

Same Dimension

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



C49A1C



FFBF00



9DC41C



615E57



A17800



211900

Inverse Universe

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



1C46C4



0040FF



461CC4



575A61



0028A1



000821

Previews

White Background



This preview shows how the Hex color C49A1C looks on a white background.

Color Contrast Check

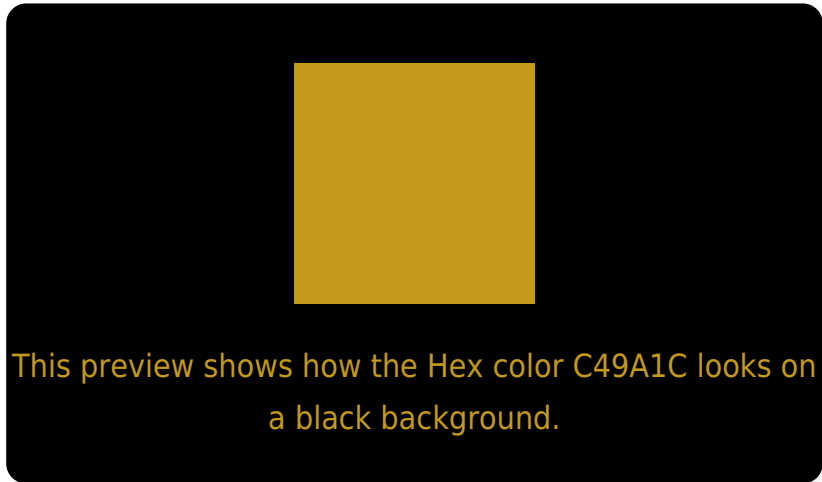
Large Text (above 18pt) WCAG AA × Fail

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 C49A1C Background



This preview shows how black text looks on a background with the Hex color C49A1C.



This preview shows how white text looks on a background with the Hex color C49A1C.

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
C49A1C

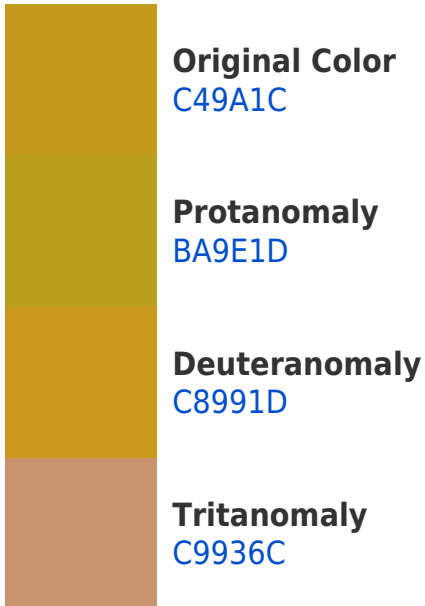
Protanopia
B4A01E

Deuteranopia
CA981E

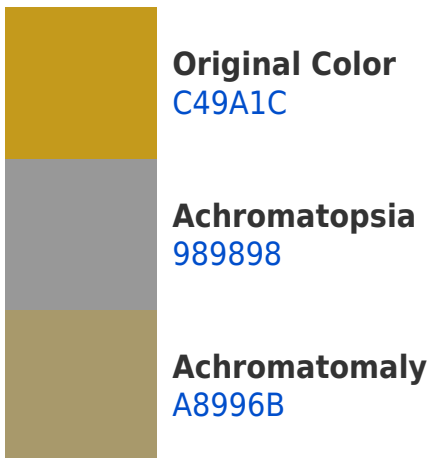


Tritanopia
CC8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C49A1C 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 #C49A1C looks like.

```
.text, #text, p{  
    color:#C49A1C  
}
```

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 #C49A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49A1C
}
```

Border

The CSS property to change the border of an element to Hex C49A1C 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
#C49A1C }
```

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

```
.border{ border-color:#C49A1C }
```

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

Here you see how a box with a 4 pixel #C49A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49A1C; -webkit-box-shadow:4px 4px  
4px 4px #C49A1C; box-shadow:4px 4px 4px  
4px #C49A1C }
```

Background

The CSS property to change the background color of an element to Hex C49A1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49A1C }
```

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

```
.background{ background-color:#C49A1C }
```

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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