

Converting Colors

Hex(C9AE1C)

Have a look what the booklet for
Hex(C9AE1C) contains.

Hex(C9AE1C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C9AE1C)

Conversions

Conversions Part 1

Format	Color
Hex	C9AE1C
RGB	201, 174, 28
RGB Percent	79%, 68%, 11%
CMY	0.2118, 0.3176, 0.8902
CMYK	0.00, 0.13, 0.86, 0.21
HSL	51°, 76%, 45%
HSV	51°, 86%, 79%
XYZ	39.4330, 42.7735, 7.2764
YIQ	165.4290, 62.9580, -39.6820

Conversions

Conversions Part 2

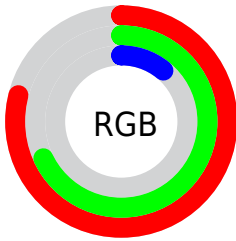
Format	Color
RYB	60, 201, 28
Decimal	13217308
CIELab	71.40, -3.81, 69.53
CIELCh	71, 69.635, 93.139
Yxy	42.7735, 0.4407, 0.4780
Android (android.graphics.Color)	4291407388 (0xFFC9AE1C)
YUV	165.4290, -67.7525, 31.1958
Hunter-Lab	65.4014, -6.8279, 39.1846

Details

The Hex color **C9AE1C** 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 **1C37C9**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFE55A**, and **8E7A00** is the 20% darker color. If you saturate the color by 10%, you get **C9AB08**, and if you desaturate by 10%, it is **C9B130**.

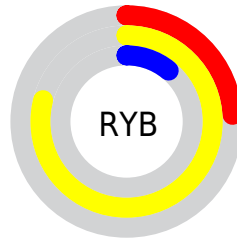
Distribution



Red (79%)

Green (68%)

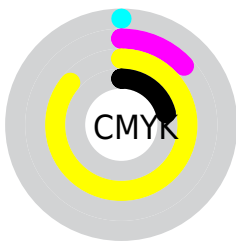
Blue (11%)



Red (24%)

Yellow (79%)

Blue (11%)

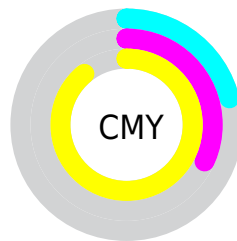


Cyan (0%)

Magenta (13%)

Yellow (86%)

Black (21%)



Cyan (21%)

Magenta (32%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9AE1C 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 C9AE1C by changing the saturation by 10% instead.

 C9AE1C

 C9AE1C

FFFFFF

 AB9400

 FFE55A

 8E7A00

 FFFF76

 726100

 FFFF91

 564A00

 FFFFAE

 3C3400

 FFFFC A

 231F00

 FFFF E8

 000800

 000000

 C9AE1C

 C9AE1C

 C9AB08

 C9B130

 C9AA00

 C9B444

 C9B758

 C9BB6C

 C9BE81

 C9C195

 C9C4A9

 C9C7BD

 C9CAD1

Harmonies

Analogous

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



FC9639



C9AE1C



88BF3A

Triad

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



C9AE1C



00CCF3



FF7FE9

Complementary

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



C9AE1C



1C37C9

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.



B89BFF



C9AE1C



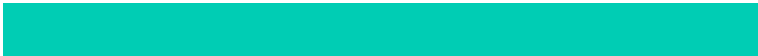
00C4FF

Square

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



C9AE1C



00CDB4



00B4FF



FF71AB

Rectangle

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



C9AE1C



4BC65E



00B4FF



EE88FC

Sweetspot

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



C9AE1C



FFF5BD



C91C39



807958



000000



808080

Same Dimension

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



C9AE1C



FFD700



8FC91C



63625A



A38A00



241E00

Inverse Universe

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



1C37C9



0028FF



561CC9



5A5B63



0019A3



000624

Previews

White Background



This preview shows how the Hex color C9AE1C looks on a white background.

Color Contrast Check

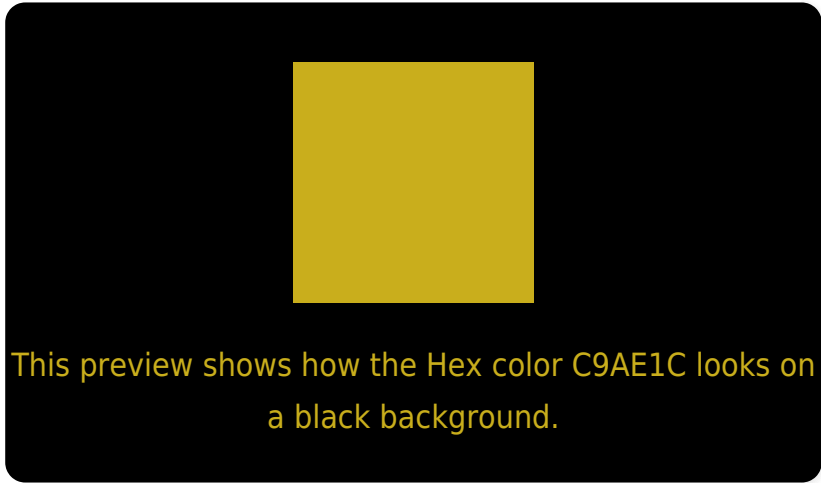
Large Text (above 18pt) WCAG AA × Fail

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 C9AE1C Background



This preview shows how black text looks on a background with the Hex color C9AE1C.

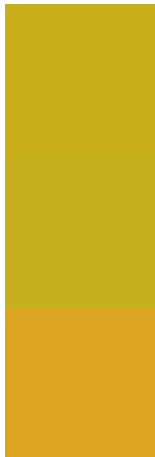


This preview shows how white text looks on a background with the Hex color C9AE1C.

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
C9AE1C

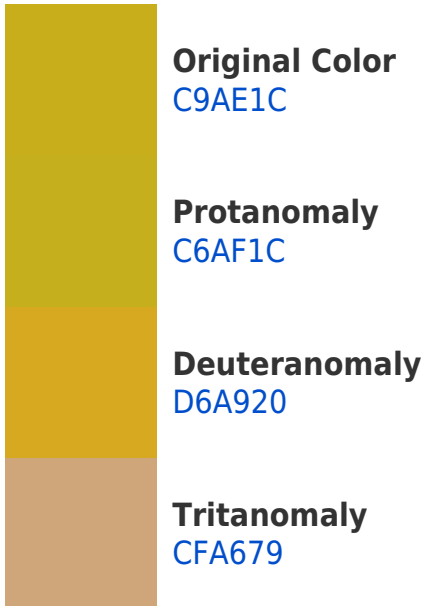
Protanopia
C5AF1C

Deuteranopia
DDA622

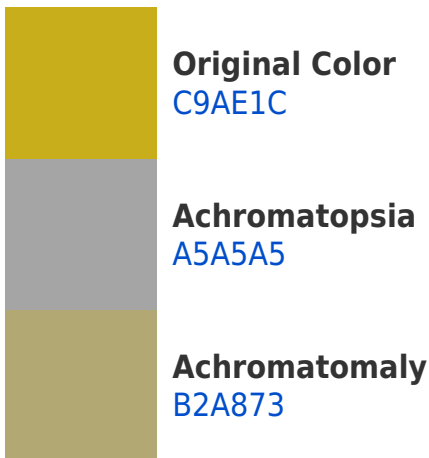


Tritanopia
D3A2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9AE1C 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 #C9AE1C looks like.

```
.text, #text, p{  
    color:#C9AE1C  
}
```

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 #C9AE1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9AE1C
}
```

Border

The CSS property to change the border of an element to Hex C9AE1C 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
#C9AE1C }
```

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

```
.border{ border-color:#C9AE1C }
```

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

Here you see how a box with a 4 pixel #C9AE1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9AE1C; -webkit-box-shadow:4px 4px  
4px 4px #C9AE1C; box-shadow:4px 4px 4px  
4px #C9AE1C }
```

Background

The CSS property to change the background color of an element to Hex C9AE1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9AE1C }
```

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

```
.background{ background-color:#C9AE1C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor