

Converting Colors

Hex(CA9C17)

Have a look what the booklet for
Hex(CA9C17) contains.

Hex(CA9C17)	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(CA9C17)

Conversions

Conversions Part 1

Format	Color
Hex	CA9C17
RGB	202, 156, 23
RGB Percent	79%, 61%, 9%
CMY	0.2078, 0.3882, 0.9098
CMYK	0.00, 0.23, 0.89, 0.21
HSL	45°, 80%, 44%
HSV	45°, 89%, 79%
XYZ	36.4002, 36.3954, 5.9171
YIQ	154.5920, 70.1090, -31.6110

Conversions

Conversions Part 2

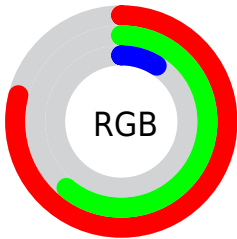
Format	Color
RYB	85, 202, 23
Decimal	13278231
CIELab	66.82, 6.11, 67.04
CIElCh	67, 67.317, 84.790
Yxy	36.3954, 0.4624, 0.4624
Android (android.graphics.Color)	4291468311 (0xFFCA9C17)
YUV	154.5920, -64.8749, 41.5768
Hunter-Lab	60.3286, 2.1260, 36.4147

Details

The Hex color **CA9C17** 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 **1745CA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFD254**, and **8F6900** is the 20% darker color. If you saturate the color by 10%, you get **CA9703**, and if you desaturate by 10%, it is **CAA12B**.

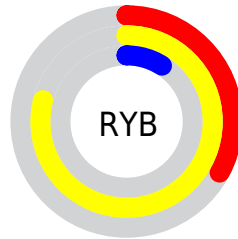
Distribution



Red (79%)

Green (61%)

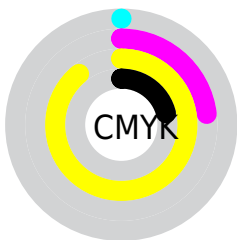
Blue (9%)



Red (33%)

Yellow (79%)

Blue (9%)

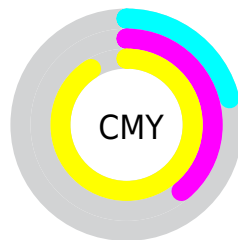


Cyan (0%)

Magenta (23%)

Yellow (89%)

Black (21%)



Cyan (21%)

Magenta (39%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA9C17 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 CA9C17 by changing the saturation by 10% instead.

 CA9C17

 CA9C17

FFFFFF

 AC8200

 FFD254

 8F6900

 FFEE70

 725100

 FFFF8B

 563B00

 FFFFA7

 3B2500

 FFFFC4

 231100

 FFFFEO

 000000

FFFFFFE

 CA9C17

 CA9C17

■ CA9703

■ CAA12B

■ CA9600

■ CAA63F

■ CAAC54

■ CAB168

■ CAB67C

■ CABB90

■ CAC0A4

■ CAC6B9

■ CACBCD

Harmonies

Analogous

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



F6843F



CA9C17



90AE26

Triad

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



CA9C17



00BFD4



E27CE9

Complementary

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



CA9C17



1745CA

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.



8F97FF



CA9C17



00BAFF

Square

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



CA9C17



00BE96



00ADFF



FF68B0

Rectangle

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



CA9C17



5FB646



00ADFF



CC85F9

Sweetspot

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



CA9C17



FFEDBA



CA1747



807557



000000



808080

Same Dimension

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



CA9C17



FFBD00



A0CA17



66635C



A67B00



261C00

Inverse Universe

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



1745CA



0042FF



4117CA



5C5E66



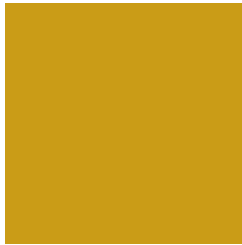
002BA6



000A26

Previews

White Background



This preview shows how the Hex color CA9C17 looks on a white background.

Color Contrast Check

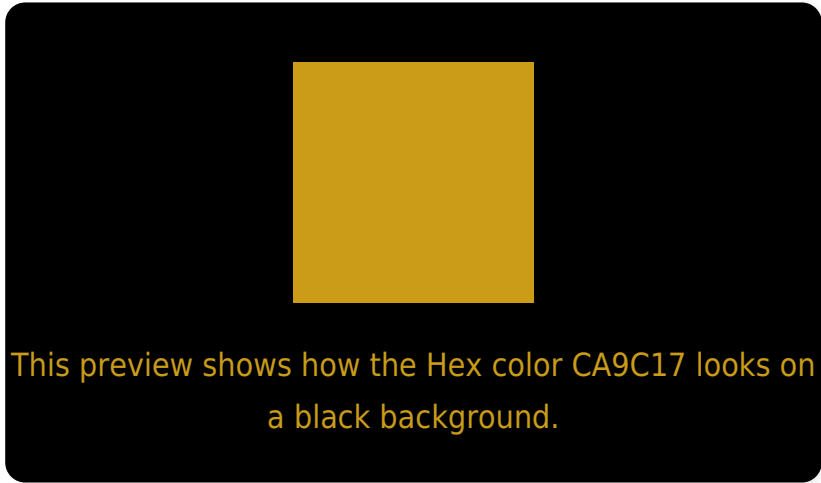
Large Text (above 18pt) WCAG AA × Fail

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 CA9C17 Background



This preview shows how black text looks on a background with the Hex color CA9C17.



This preview shows how white text looks on a background with the Hex color CA9C17.

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
CA9C17

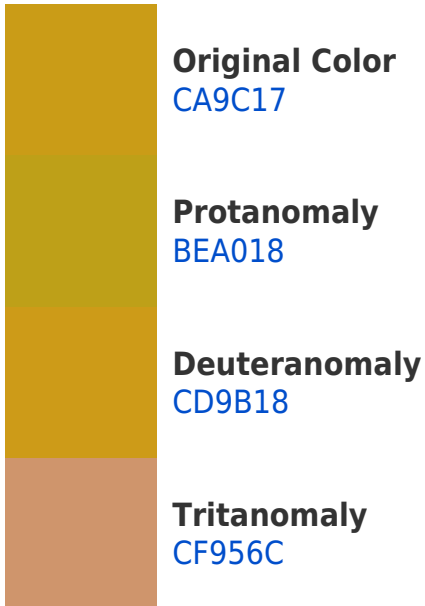
Protanopia
B7A319

Deuteranopia
CE9A18



Tritanopia
D2919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA9C17 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 #CA9C17 looks like.

```
.text, #text, p{  
    color:#CA9C17  
}
```

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 #CA9C17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9C17
}
```

Border

The CSS property to change the border of an element to Hex CA9C17 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
#CA9C17 }
```

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

```
.border{ border-color:#CA9C17 }
```

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

Here you see how a box with a 4 pixel #CA9C17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9C17; -webkit-box-shadow:4px 4px  
4px 4px #CA9C17; box-shadow:4px 4px 4px  
4px #CA9C17 }
```

Background

The CSS property to change the background color of an element to Hex CA9C17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9C17 }
```

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

```
.background{ background-color:#CA9C17 }
```

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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