

Converting Colors

Hex(C9AA24)

Have a look what the booklet for
Hex(C9AA24) contains.

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Color

Hex(C9AA24)

Conversions

Conversions Part 1

Format	Color
Hex	C9AA24
RGB	201, 170, 36
RGB Percent	79%, 67%, 14%
CMY	0.2118, 0.3333, 0.8588
CMYK	0.00, 0.15, 0.82, 0.21
HSL	49°, 70%, 46%
HSV	49°, 82%, 79%
XYZ	38.7806, 41.2943, 7.5957
YIQ	163.9930, 61.4900, -35.1020

Conversions

Conversions Part 2

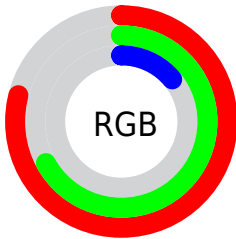
Format	Color
RYB	74, 201, 36
Decimal	13216292
CIELab	70.38, -1.49, 66.60
CIELCh	70, 66.619, 91.279
Yxy	41.2943, 0.4423, 0.4710
Android (android.graphics.Color)	4291406372 (0xFFC9AA24)
YUV	163.9930, -63.1005, 32.4551
Hunter-Lab	64.2607, -4.7335, 37.9743

Details

The Hex color **C9AA24** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **2443C9**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFE15E**, and **8F7600** is the 20% darker color. If you saturate the color by 10%, you get **C9A610**, and if you desaturate by 10%, it is **C9AE38**.

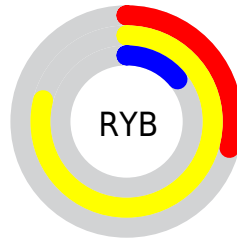
Distribution



Red (79%)

Green (67%)

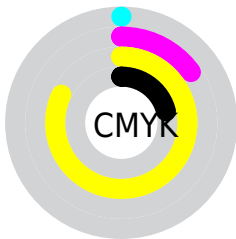
Blue (14%)



Red (29%)

Yellow (79%)

Blue (14%)

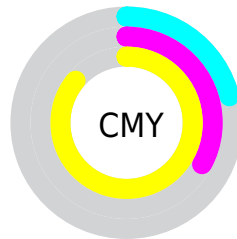


Cyan (0%)

Magenta (15%)

Yellow (82%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9AA24 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 C9AA24 by changing the saturation by 10% instead.

 C9AA24

 C9AA24

FFFFFF

 AC9000

 FFE15E

 8F7600

 FFFD7A

 725E00

 FFFF95

 574700

 FFFFFB2

 3C3100

 FFFFCE

 231C00

 FFFFEB

 000200

 000000

 C9AA24

 C9AA24

 C9A610

 C9AE38

 C9A300

 C9B24C

 C9B560

 C9B974

 C9BD89

 C9C19D

 C9C4B1

 C9C8C5

 C9CCD9

Harmonies

Analogous

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



F9933F



C9AA24



8CBB3B

Triad

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



C9AA24



00C8E9



F781E7

Complementary

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



C9AA24



2443C9

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.



B09BFF



C9AA24



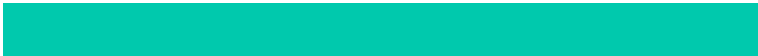
00C1FF

Square

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



C9AA24



00C9AD



00B2FF



FF72AC

Rectangle

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



C9AA24



55C25C



00B2FF



E489F9

Sweetspot

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



C9AA24



FFF3BF



C92445



807859



000000



808080

Same Dimension

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



C9AA24



FFD003



98C924



63625A



A38500



241D00

Inverse Universe

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



2443C9



0332FF



5624C9



5A5B63



001FA3



000724

Previews

White Background



This preview shows how the Hex color C9AA24 looks on a white background.

Color Contrast Check

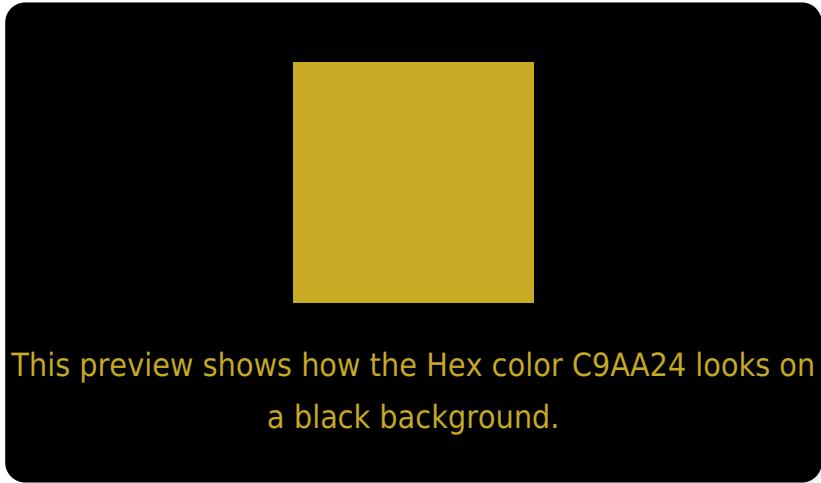
Large Text (above 18pt) WCAG AA × Fail

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 C9AA24 Background



This preview shows how black text looks on a background with the Hex color C9AA24.



This preview shows how white text looks on a background with the Hex color C9AA24.

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
C9AA24

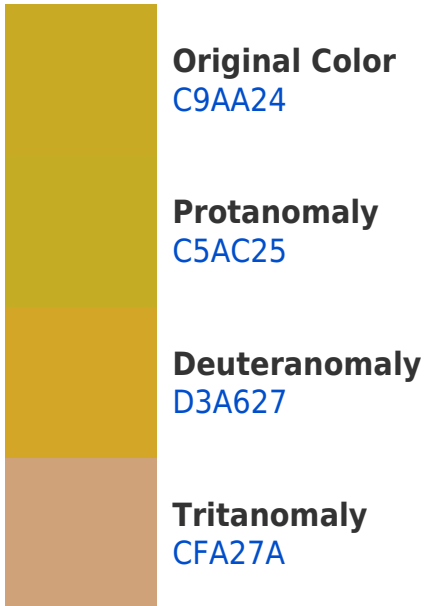
Protanopia
C2AD25

Deuteranopia
D9A328

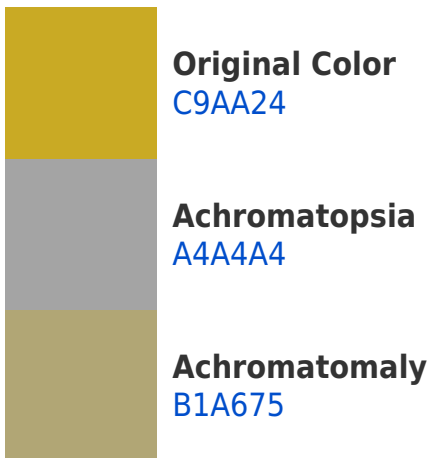


Tritanopia
D29EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9AA24 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 #C9AA24 looks like.

```
.text, #text, p{  
    color:#C9AA24  
}
```

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 #C9AA24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9AA24
}
```

Border

The CSS property to change the border of an element to Hex C9AA24 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
#C9AA24 }
```

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

```
.border{ border-color:#C9AA24 }
```

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

Here you see how a box with a 4 pixel #C9AA24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9AA24; -webkit-box-shadow:4px 4px  
4px 4px #C9AA24; box-shadow:4px 4px 4px  
4px #C9AA24 }
```

Background

The CSS property to change the background color of an element to Hex C9AA24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9AA24 }
```

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

```
.background{ background-color:#C9AA24 }
```

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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