

Converting Colors

Hex(C5A12C)

Have a look what the booklet for
Hex(C5A12C) contains.

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Color

Hex(C5A12C)

Conversions

Conversions Part 1

Format	Color
Hex	C5A12C
RGB	197, 161, 44
RGB Percent	77%, 63%, 17%
CMY	0.2275, 0.3686, 0.8275
CMYK	0.00, 0.18, 0.78, 0.23
HSL	46°, 63%, 47%
HSV	46°, 78%, 77%
XYZ	36.2254, 37.5419, 7.7199
YIQ	158.4260, 59.0130, -28.7550

Conversions

Conversions Part 2

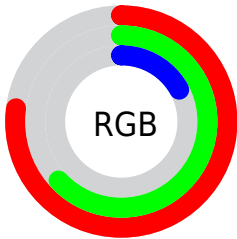
Format	Color
RYB	91, 197, 44
Decimal	12951852
CIELab	67.68, 1.82, 61.50
CIELCh	68, 61.528, 88.305
Yxy	37.5419, 0.4446, 0.4607
Android (android.graphics.Color)	4291141932 (0xFFC5A12C)
YUV	158.4260, -56.4120, 33.8294
Hunter-Lab	61.2714, -1.6907, 35.4198

Details

The Hex color **C5A12C** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **2C50C5**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFD763**, and **8B6E00** is the 20% darker color. If you saturate the color by 10%, you get **C59C18**, and if you desaturate by 10%, it is **C5A640**.

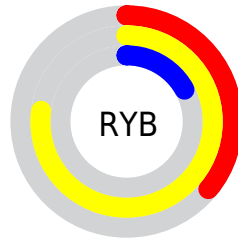
Distribution



Red (77%)

Green (63%)

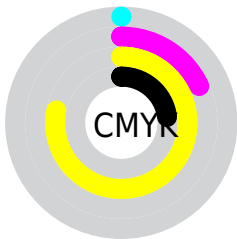
Blue (17%)



Red (36%)

Yellow (77%)

Blue (17%)

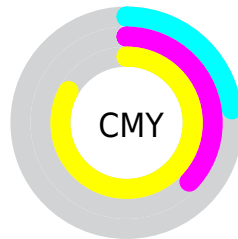


Cyan (0%)

Magenta (18%)

Yellow (78%)

Black (23%)



Cyan (23%)

Magenta (37%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5A12C 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 C5A12C by changing the saturation by 10% instead.

 C5A12C

 C5A12C

FFFFFF

 A88707

 FFD763

 8B6E00

 FFF47E

 6F5600

 FFFF99

 533F00

 FFFFFB5

 392900

 FFFFFD2

 201500

 FFFFFEF

 000000

 C5A12C

 C5A12C

 C59C18

 C5A640

 C59805

 C5AA53

 C59700

 C5AF67

 C5B47B

 C5B88F

 C5BDA2

 C5C1B6

 C5C6CA

 C5CBDD

Harmonies

Analogous

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



EF8C46



C5A12C



8EB13B

Triad

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



C5A12C



00BFD8



E580E0

Complementary

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



C5A12C



2C50C5

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.



A098FF



C5A12C



00B9FF

Square

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



C5A12C



00BFA0



00ACFF



FF72AA

Rectangle

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



C5A12C



60B857



00ACFF



D388EF

Sweetspot

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



C5A12C



FFF1C4



C52C52



80775C



000000



808080

Same Dimension

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



C5A12C



FFC712



9FC52C



63615A



A37D00



241B00

Inverse Universe

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



2C50C5



124AFF



522CC5



5A5C63



0026A3



000824

Previews

White Background



This preview shows how the Hex color C5A12C looks on a white background.

Color Contrast Check

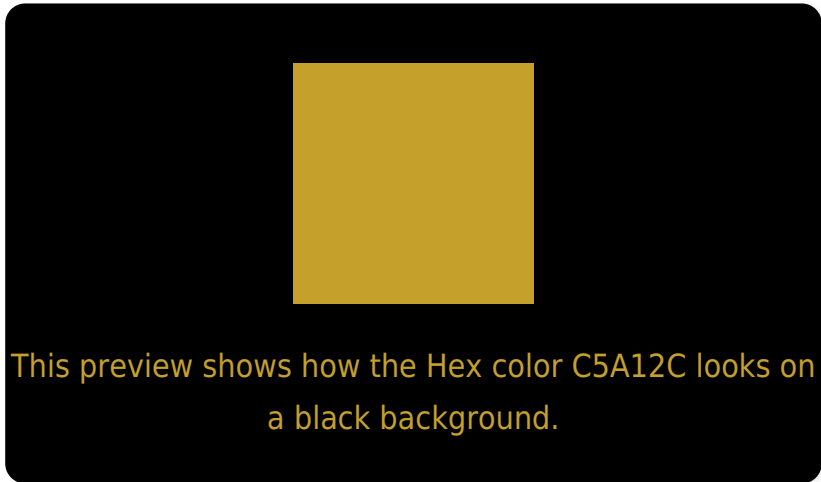
Large Text (above 18pt) WCAG AA × Fail

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 C5A12C Background



This preview shows how black text looks on a background with the Hex color C5A12C.

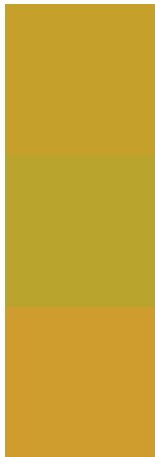


This preview shows how white text looks on a background with the Hex color C5A12C.

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
C5A12C

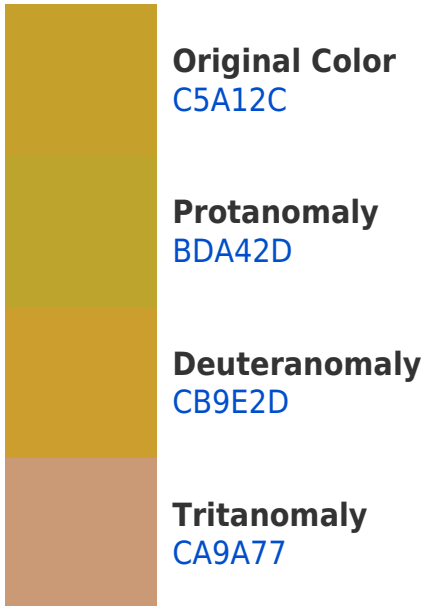
Protanopia
B9A52D

Deuteranopia
CF9D2E



Tritanopia
CD96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5A12C 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 #C5A12C looks like.

```
.text, #text, p{  
    color:#C5A12C  
}
```

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 #C5A12C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A12C
}
```

Border

The CSS property to change the border of an element to Hex C5A12C 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
#C5A12C }
```

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

```
.border{ border-color:#C5A12C }
```

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

Here you see how a box with a 4 pixel #C5A12C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A12C; -webkit-box-shadow:4px 4px  
4px 4px #C5A12C; box-shadow:4px 4px 4px  
4px #C5A12C }
```

Background

The CSS property to change the background color of an element to Hex C5A12C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A12C }
```

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

```
.background{ background-color:#C5A12C }
```

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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