

Converting Colors

Hex(C8A12E)

Have a look what the booklet for
Hex(C8A12E) contains.

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Color

Hex(C8A12E)

Conversions

Conversions Part 1

Format	Color
Hex	C8A12E
RGB	200, 161, 46
RGB Percent	78%, 63%, 18%
CMY	0.2157, 0.3686, 0.8196
CMYK	0.00, 0.20, 0.77, 0.22
HSL	45°, 63%, 48%
HSV	45°, 77%, 78%
XYZ	37.0574, 37.9664, 7.9599
YIQ	159.5510, 60.1590, -27.4970

Conversions

Conversions Part 2

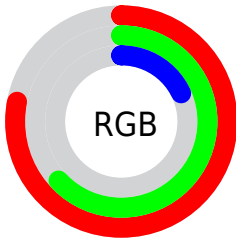
Format	Color
R _Y B	98, 200, 46
Decimal	13148462
CIE Lab	68.00, 3.22, 61.19
CIE LCh	68, 61.278, 86.987
Yxy	37.9664, 0.4466, 0.4575
Android (android.graphics.Color)	4291338542 (0xFFC8A12E)
YUV	159.5510, -55.9806, 35.4738
Hunter-Lab	61.6168, -0.4765, 35.4725

Details

The Hex color **C8A12E** 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 **2E55C8**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD765**, and **8E6E00** is the 20% darker color. If you saturate the color by 10%, you get **C89C1A**, and if you desaturate by 10%, it is **C8A642**.

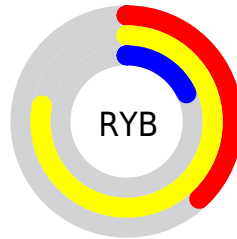
Distribution



Red (78%)

Green (63%)

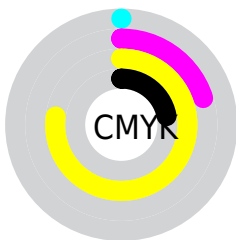
Blue (18%)



Red (38%)

Yellow (78%)

Blue (18%)

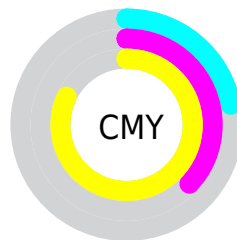


Cyan (0%)

Magenta (20%)

Yellow (77%)

Black (22%)



Cyan (22%)

Magenta (37%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8A12E 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 C8A12E by changing the saturation by 10% instead.

 C8A12E

 C8A12E

FFFFFF

 AB870B

 FFD765

 8E6E00

 FFF480

 725600

 FFFF9B

 563F00

 FFFFFB7

 3B2900

 FFFFFD3

 221500

 FFFFF0

 000000

 C8A12E

 C8A12E

 C89C1A

 C8A642

 C89706

 C8AB56

 C89500

 C8B06A

 C8B57E

 C8BA92

 C8BFA6

 C8C4BA

 C8CACE

 C8CFE2

Harmonies

Analogous

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



F28C49



C8A12E



92B13B

Triad

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



C8A12E



00C0D6



E482E3

Complementary

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



C8A12E



2E55C8

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.



9D99FF



C8A12E



00BAFF

Square

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



C8A12E



00C09E



00AEFF



FF73AE

Rectangle

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



C8A12E



65B956



00AEFF



D18AF2

Sweetspot

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



C8A12E



FFF0C4



C82E57



80765C



000000



808080

Same Dimension

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



C8A12E



FFC414



A4C82E



63615A



A37A00



241B00

Inverse Universe

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



2E55C8



1450FF



522EC8



5A5C63



0029A3



000924

Previews

White Background



This preview shows how the Hex color C8A12E looks on a white background.

Color Contrast Check

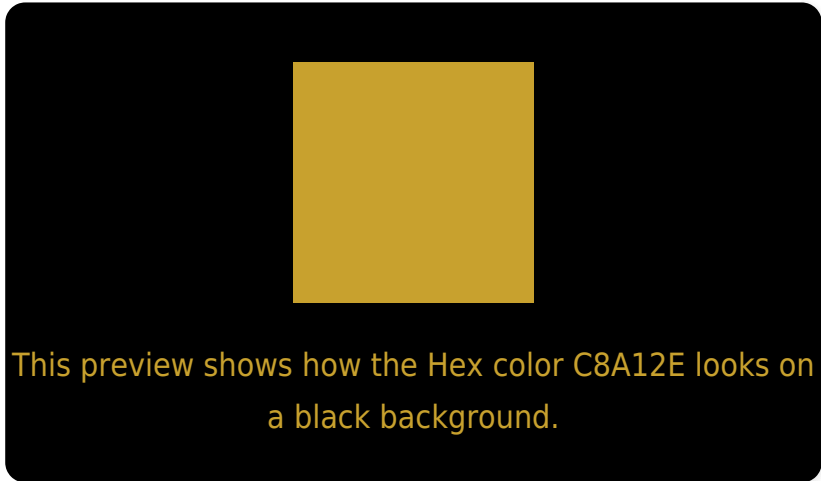
Large Text (above 18pt) WCAG AA × Fail

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 C8A12E Background



This preview shows how black text looks on a background with the Hex color C8A12E.



This preview shows how white text looks on a background with the Hex color C8A12E.

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
C8A12E

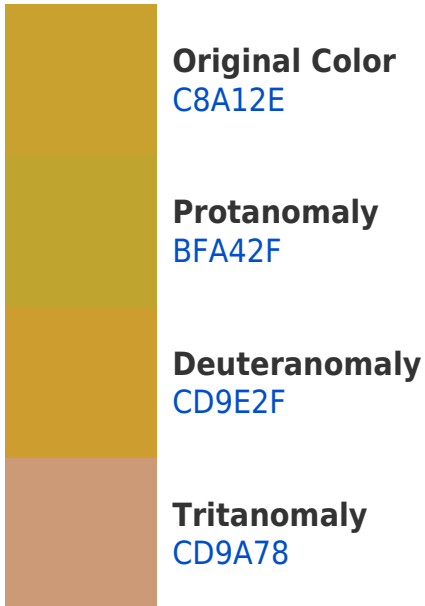
Protanopia
BAA62F

Deuteranopia
D09D2F

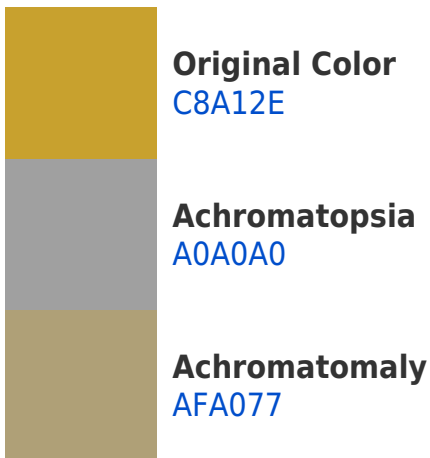


Tritanopia
D096A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C8A12E 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 #C8A12E looks like.

```
.text, #text, p{  
    color:#C8A12E  
}
```

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 #C8A12E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8A12E
}
```

Border

The CSS property to change the border of an element to Hex C8A12E 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
#C8A12E }
```

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

```
.border{ border-color:#C8A12E }
```

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

Here you see how a box with a 4 pixel #C8A12E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8A12E; -webkit-box-shadow:4px 4px  
4px 4px #C8A12E; box-shadow:4px 4px 4px  
4px #C8A12E }
```

Background

The CSS property to change the background color of an element to Hex C8A12E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8A12E }
```

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

```
.background{ background-color:#C8A12E }
```

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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