

Converting Colors

Hex(CE912A)

Have a look what the booklet for
Hex(CE912A) contains.

Hex(CE912A)	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(CE912A)

Conversions

Conversions Part 1

Format	Color
Hex	CE912A
RGB	206, 145, 42
RGB Percent	81%, 57%, 16%
CMY	0.1922, 0.4314, 0.8353
CMYK	0.00, 0.30, 0.80, 0.19
HSL	38°, 66%, 49%
HSV	38°, 80%, 81%
XYZ	35.9969, 33.5398, 6.7671
YIQ	151.4970, 69.4190, -19.1010

Conversions

Conversions Part 2

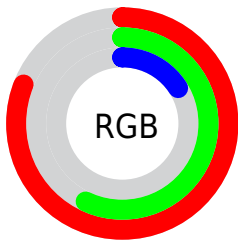
Format	Color
R_{YB}	139, 206, 42
Decimal	13537578
CIE _{Lab}	64.60, 14.36, 59.74
CIE _{LCh}	65, 61.438, 76.485
Yxy	33.5398, 0.4718, 0.4396
Android (android.graphics.Color)	4291727658 (0xFFCE912A)
YUV	151.4970, -53.9820, 47.7991
Hunter-Lab	57.9135, 9.6003, 33.6116

Details

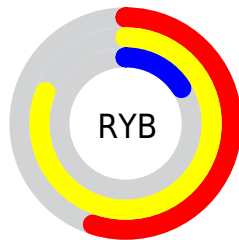
The Hex color **CE912A** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2A67CE**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFC760**, and **935F00** is the 20% darker color. If you saturate the color by 10%, you get **CE8915**, and if you desaturate by 10%, it is **CE993F**.

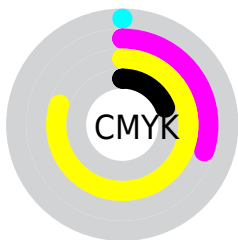
Distribution



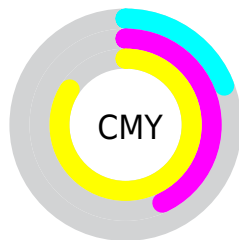
- Red (81%)
- Green (57%)
- Blue (16%)



- Red (55%)
- Yellow (81%)
- Blue (16%)



- Cyan (0%)
- Magenta (30%)
- Yellow (80%)
- Black (19%)



- Cyan (19%)
- Magenta (43%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE912A 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 CE912A by changing the saturation by 10% instead.

 CE912A

 CE912A

FFFFFF

 B07707

 FFC760

 935F00

 FFE37B

 764700

 FFFF96

 5A3100

 FFFFB1

 3E1C00

 FFFFCE

 260500

 FFFFEA

 000000

 CE912A

 CE912A

 CE8915

 CE993F

 CE8201

 CEA053

 CE8100

 CEA868

 CEB07C

 CEB791

 CEBFA6

 CEC7BA

 CECECF

 CED6E3

Harmonies

Analogous

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



F27B4F



CE912A



9DA327

Triad

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



CE912A



00B7BA



C681E9

Complementary

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



CE912A



2A67CE

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.



6E98FF



CE912A



00B4EB

Square

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



CE912A



00B581



00AAFF



F46DB8

Rectangle

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



CE912A



74AC3E



00AAFF



AE89F5

Sweetspot

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



CE912A



FFE8C2



CE2A69



80725B



000000



808080

Same Dimension

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



CE912A



FFA40A



BBCE2A



66625C



A66800



261800

Inverse Universe

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



2A67CE



0A65FF



3D2ACE



5C6066



003EA6



000E26

Previews

White Background



This preview shows how the Hex color CE912A looks on a white background.

Color Contrast Check

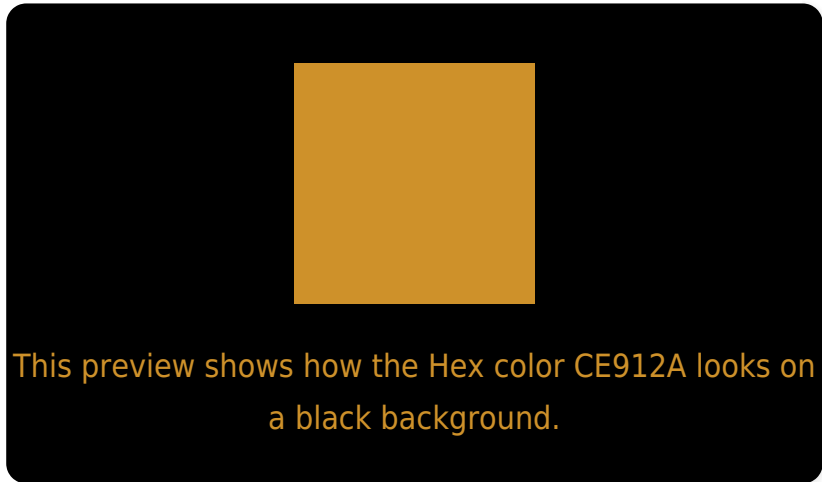
Large Text (above 18pt) WCAG AA × Fail

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 CE912A Background



This preview shows how black text looks on a background with the Hex color CE912A.



This preview shows how white text looks on a background with the Hex color CE912A.

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
CE912A

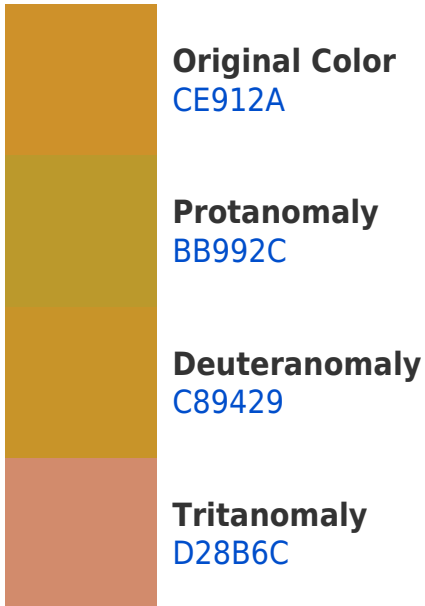
Protanopia
B09D2D

Deuteranopia
C59528



Tritanopia
D48792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE912A 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 #CE912A looks like.

```
.text, #text, p{  
    color:#CE912A  
}
```

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 #CE912A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE912A
}
```

Border

The CSS property to change the border of an element to Hex CE912A 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
#CE912A }
```

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

```
.border{ border-color:#CE912A }
```

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

Here you see how a box with a 4 pixel #CE912A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE912A; -webkit-box-shadow:4px 4px  
4px 4px #CE912A; box-shadow:4px 4px 4px  
4px #CE912A }
```

Background

The CSS property to change the background color of an element to Hex CE912A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE912A }
```

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

```
.background{ background-color:#CE912A }
```

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