

Converting Colors

Hex(CD7C2A)

Have a look what the booklet for
Hex(CD7C2A) contains.

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Color

Hex(CD7C2A)

Conversions

Conversions Part 1

Format	Color
Hex	CD7C2A
RGB	205, 124, 42
RGB Percent	80%, 49%, 16%
CMY	0.1961, 0.5137, 0.8353
CMYK	0.00, 0.40, 0.80, 0.20
HSL	30°, 66%, 48%
HSV	30°, 80%, 80%
XYZ	32.8024, 27.5616, 5.7815
YIQ	138.8710, 74.5980, -8.3300

Conversions

Conversions Part 2

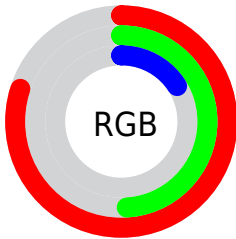
Format	Color
R_{YB}	203, 205, 42
Decimal	13466666
CIE Lab	59.49, 25.33, 54.98
CIE LCh	59, 60.537, 65.267
Yxy	27.5616, 0.4959, 0.4167
Android (android.graphics.Color)	4291656746 (0xFFCD7C2A)
YUV	138.8710, -47.7574, 57.9951
Hunter-Lab	52.4991, 19.6565, 30.2200

Details

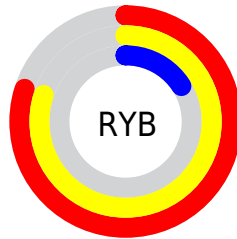
The Hex color **CD7C2A** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **2A7BCD**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFB15E**, and **914A00** is the 20% darker color. If you saturate the color by 10%, you get **CD7215**, and if you desaturate by 10%, it is **CD863E**.

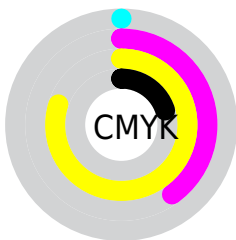
Distribution



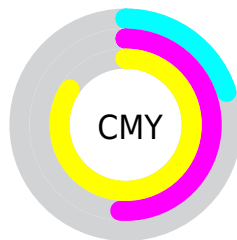
- Red (80%)
- Green (49%)
- Blue (16%)



- Red (80%)
- Yellow (80%)
- Blue (16%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD7C2A 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 CD7C2A by changing the saturation by 10% instead.

 CD7C2A

 CD7C2A

FFFFFF

 AF630C

 FFB15E

 914A00

 FFCD78

 743300

 FFE993

 571D00

 FFFFAE

 3C0600

 FFFFC A

 250001

 FFFF E7

 000000

 CD7C2A

 CD7C2A

 CD7215

 CD863E

 CD6801

 CD9053

 CD6700

 CD9B68

 CDA57C

 CDAF91

 CDB9A5

 CDC3BA

 CDCDCE

 CDD8E3

Harmonies

Analogous

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



E96655



CD7C2A



A29013

Triad

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



CD7C2A



00A897



9D7DE7

Complementary

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



CD7C2A



2A7BCD

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.



0392FA



CD7C2A



00A7CB

Square

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



CD7C2A



00A560



00A0F0



D766BD

Rectangle

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



CD7C2A



7E9A23



00A0F0



8085F0

Sweetspot

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



CD7C2A



FFE1C2



CD2A7C



806D5B



000000



808080

Same Dimension

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



CD7C2A



FF870D



CDCD2A



66615C



A65300



261300

Inverse Universe

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



2A7BCD



0D85FF



2A2ACD



5C6166



0052A6



001326

Previews

White Background



This preview shows how the Hex color CD7C2A looks on a white background.

Color Contrast Check

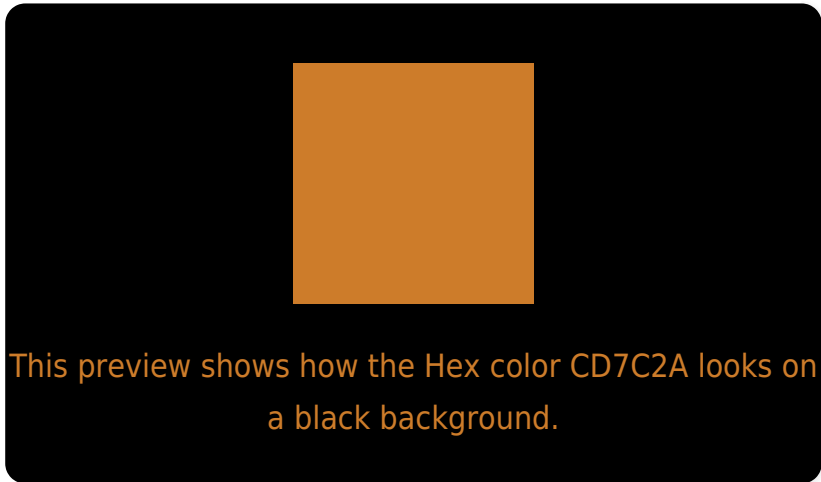
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CD7C2A Background



This preview shows how black text looks on a background with the Hex color CD7C2A.



This preview shows how white text looks on a background with the Hex color CD7C2A.

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
CD7C2A

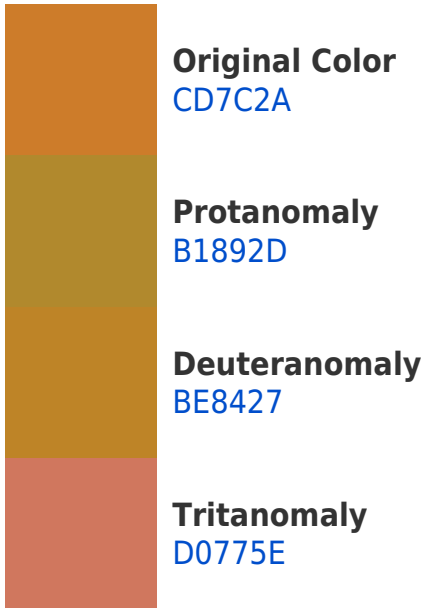
Protanopia
A1902F

Deuteranopia
B58825



Tritanopia
D1747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD7C2A 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 #CD7C2A looks like.

```
.text, #text, p{  
    color:#CD7C2A  
}
```

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 #CD7C2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD7C2A
}
```

Border

The CSS property to change the border of an element to Hex CD7C2A 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
#CD7C2A }
```

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

```
.border{ border-color:#CD7C2A }
```

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

Here you see how a box with a 4 pixel #CD7C2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD7C2A; -webkit-box-shadow:4px 4px  
4px 4px #CD7C2A; box-shadow:4px 4px 4px  
4px #CD7C2A }
```

Background

The CSS property to change the background color of an element to Hex CD7C2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD7C2A }
```

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

```
.background{ background-color:#CD7C2A }
```

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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