

Converting Colors

Hex(CA7D2B)

Have a look what the booklet for
Hex(CA7D2B) contains.

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Color

Hex(CA7D2B)

Conversions

Conversions Part 1

Format	Color
Hex	CA7D2B
RGB	202, 125, 43
RGB Percent	79%, 49%, 17%
CMY	0.2078, 0.5098, 0.8314
CMYK	0.00, 0.38, 0.79, 0.21
HSL	31°, 65%, 48%
HSV	31°, 79%, 79%
XYZ	32.1268, 27.3982, 5.8806
YIQ	138.6750, 72.2140, -9.1780

Conversions

Conversions Part 2

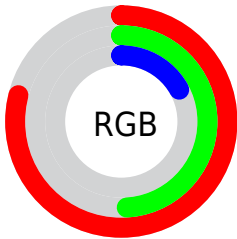
Format	Color
R_{YB}	192, 202, 43
Decimal	13270315
CIE _{Lab}	59.34, 23.55, 54.30
CIE _{LCh}	59, 59.185, 66.555
Yxy	27.3982, 0.4912, 0.4189
Android (android.graphics.Color)	4291460395 (0xFFCA7D2B)
YUV	138.6750, -47.1678, 55.5360
Hunter-Lab	52.3433, 17.9573, 29.9792

Details

The Hex color **CA7D2B** 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 **2B78CA**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFB25F**, and **8E4C00** is the 20% darker color. If you saturate the color by 10%, you get **CA7317**, and if you desaturate by 10%, it is **CA873F**.

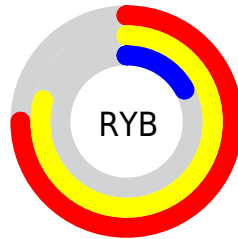
Distribution



Red (79%)

Green (49%)

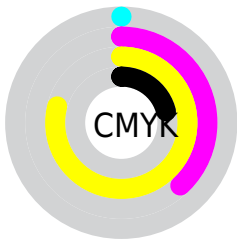
Blue (17%)



Red (75%)

Yellow (79%)

Blue (17%)

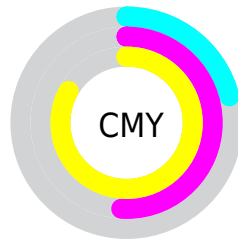


Cyan (0%)

Magenta (38%)

Yellow (79%)

Black (21%)



Cyan (21%)

Magenta (51%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA7D2B 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 CA7D2B by changing the saturation by 10% instead.

CA7D2B

CA7D2B

FFFFFF

AC640D

FFB25F

8E4C00

FFCD79

723400

FFEA93

551E00

FFFFAF

3A0800

FFFFCB

220001

FFFFE8

000000

CA7D2B

CA7D2B

CA7317

CA873F

■ CA6903

■ CA9153

■ CA6800

■ CA9A68

■ CAA47C

■ CAAE90

■ CAB8A4

■ CAC1B8

■ CACBCD

■ CAD5E1

Harmonies

Analogous

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



E66854



CA7D2B



9F9019

Triad

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



CA7D2B



00A899



A07CE3

Complementary

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



CA7D2B



2B78CA

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.



2791F7



CA7D2B



00A6CC

Square

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



CA7D2B



00A563



009FEE



D666B9

Rectangle

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



CA7D2B



7C9A28



009FEE



8484EC

Sweetspot

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



CA7D2B



FFE1C2



CA2B7B



806E5B



000000



808080

Same Dimension

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



CA7D2B



FF8B0F



CACA2B



66615C



A65500



261400

Inverse Universe

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



2B78CA



0F83FF



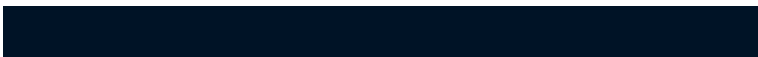
2B2BCA



5C6166



0050A6



001326

Previews

White Background



This preview shows how the Hex color CA7D2B looks on a white background.

Color Contrast Check

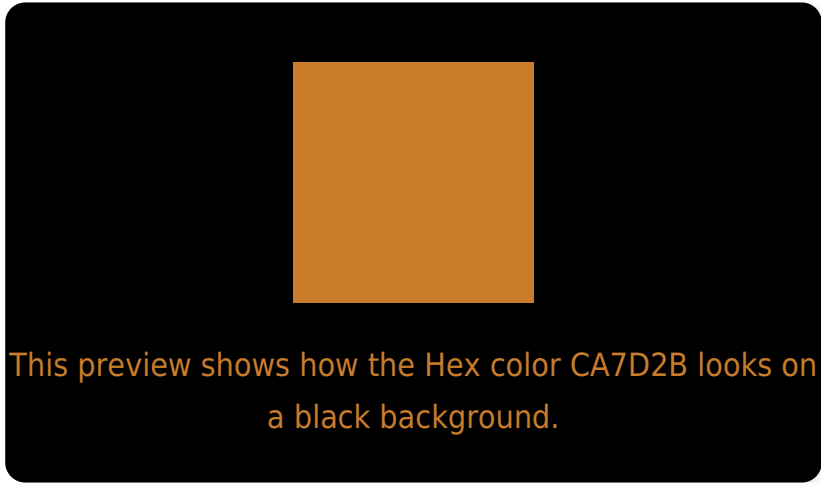
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA7D2B Background



This preview shows how black text looks on a background with the Hex color CA7D2B.



This preview shows how white text looks on a background with the Hex color CA7D2B.

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

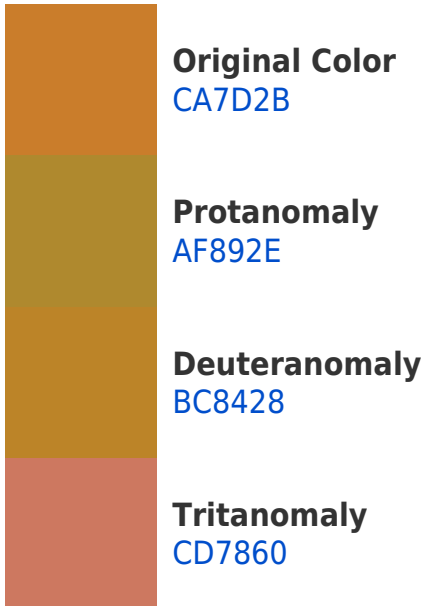


Original Color
CA7D2B

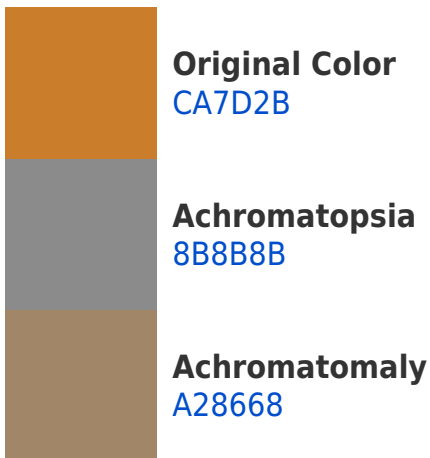
Protanopia
A09030

Deuteranopia
B48827

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA7D2B 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 #CA7D2B looks like.

```
.text, #text, p{  
    color:#CA7D2B  
}
```

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 #CA7D2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA7D2B
}
```

Border

The CSS property to change the border of an element to Hex CA7D2B 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
#CA7D2B }
```

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

```
.border{ border-color:#CA7D2B }
```

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

Here you see how a box with a 4 pixel #CA7D2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA7D2B; -webkit-box-shadow:4px 4px  
4px 4px #CA7D2B; box-shadow:4px 4px 4px  
4px #CA7D2B }
```

Background

The CSS property to change the background color of an element to Hex CA7D2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA7D2B }
```

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

```
.background{ background-color:#CA7D2B }
```

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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