

Converting Colors

Hex(CC7A2F)

Have a look what the booklet for
Hex(CC7A2F) contains.

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Color

Hex(CC7A2F)

Conversions

Conversions Part 1

Format	Color
Hex	CC7A2F
RGB	204, 122, 47
RGB Percent	80%, 48%, 18%
CMY	0.2000, 0.5216, 0.8157
CMYK	0.00, 0.40, 0.77, 0.20
HSL	29°, 63%, 49%
HSV	29°, 77%, 80%
XYZ	32.3745, 26.9617, 6.1871
YIQ	137.9680, 72.9470, -5.9410

Conversions

Conversions Part 2

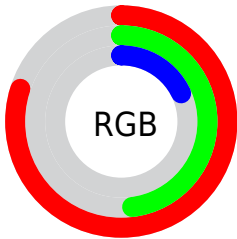
Format	Color
RYB	204, 191, 47
Decimal	13400623
CIELab	58.94, 26.17, 52.31
CIELCh	59, 58.497, 63.420
Yxy	26.9617, 0.4941, 0.4115
Android (android.graphics.Color)	4291590703 (0xFFCC7A2F)
YUV	137.9680, -44.8472, 57.9101
Hunter-Lab	51.9246, 20.4248, 29.2825

Details

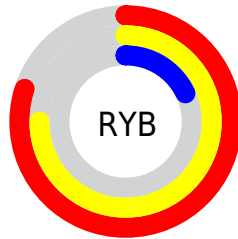
The Hex color **CC7A2F** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2F81CC**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFAF62**, and **904900** is the 20% darker color. If you saturate the color by 10%, you get **CC6F1B**, and if you desaturate by 10%, it is **CC8543**.

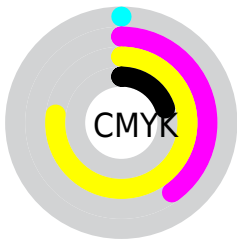
Distribution



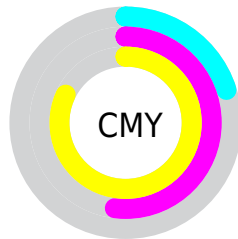
- Red (80%)
- Green (48%)
- Blue (18%)



- Red (80%)
- Yellow (75%)
- Blue (18%)



- Cyan (0%)
- Magenta (40%)
- Yellow (77%)
- Black (20%)



- Cyan (20%)
- Magenta (52%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC7A2F 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 CC7A2F by changing the saturation by 10% instead.

 CC7A2F

 CC7A2F

FFFFFF

 AE6114

 FFAF62

 904900

 FFCA7C

 733100

 FFE797

 561A00

 FFFFB2

 3B0300

 FFFFCE

 230001

 FFFFEB

 000000

 CC7A2F

 CC7A2F

 CC6F1B

 CC8543

 CC6506

 CC8F58

 CC6100

 CC9A6C

 CCA581

 CCAF95

 CCBAA9

 CCC5BE

 CCCFD2

 CCDAE7

Harmonies

Analogous

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



E66658



CC7A2F



A38D19

Triad

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



CC7A2F



00A692



967EE4

Complementary

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



CC7A2F



2F81CC

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.



0092F5



CC7A2F



00A5C5

Square

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



CC7A2F



00A35E



009FE9



D068BD

Rectangle

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



CC7A2F



819725



009FE9



7A85EC

Sweetspot

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



CC7A2F



FFE0C4



CC2F83



806D5C



000000



808080

Same Dimension

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



CC7A2F



FF8414



CCC72F



66615C



A64F00



261200

Inverse Universe

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



2F81CC



148FFF



2F34CC



5C6166



0057A6



001426

Previews

White Background



This preview shows how the Hex color CC7A2F looks on a white background.

Color Contrast Check

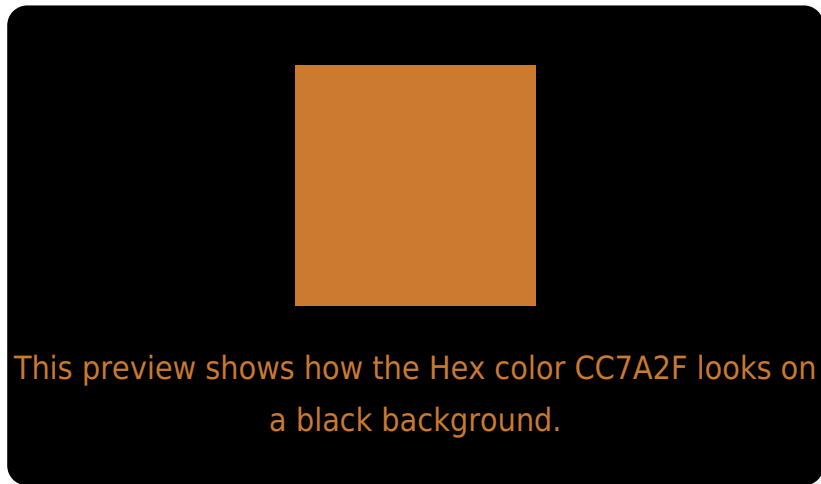
Large Text (above 18pt) WCAG AA ✓ Pass

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

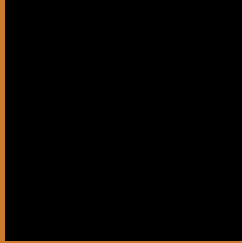
Any Text WCAG AA ✓ Pass

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 CC7A2F Background



This preview shows how black text looks on a background with the Hex color CC7A2F.



This preview shows how white text looks on a background with the Hex color CC7A2F.

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





Tritanopia
D0727B

Trichromacy



Original Color
CC7A2F

Protanomaly
AF8733

Deuteranomaly
BB822C

Tritanomaly
CF755F

Monochromacy



Original Color
CC7A2F

Achromatopsia
8A8A8A

Achromatomaly
A28469

CSS Examples

Text

The CSS property to change the color of the text to Hex CC7A2F 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 #CC7A2F looks like.

```
.text, #text, p{  
    color:#CC7A2F  
}
```

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 #CC7A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7A2F
}
```

Border

The CSS property to change the border of an element to Hex CC7A2F 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
#CC7A2F }
```

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

```
.border{ border-color:#CC7A2F }
```

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

Here you see how a box with a 4 pixel #CC7A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7A2F; -webkit-box-shadow:4px 4px  
4px 4px #CC7A2F; box-shadow:4px 4px 4px  
4px #CC7A2F }
```

Background

The CSS property to change the background color of an element to Hex CC7A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7A2F }
```

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

```
.background{ background-color:#CC7A2F }
```

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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