

Converting Colors

Hex(C7742A)

Have a look what the booklet for
Hex(C7742A) contains.

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Color

Hex(C7742A)

Conversions

Conversions Part 1

Format	Color
Hex	C7742A
RGB	199, 116, 42
RGB Percent	78%, 45%, 16%
CMY	0.2196, 0.5451, 0.8353
CMYK	0.00, 0.42, 0.79, 0.22
HSL	28°, 65%, 47%
HSV	28°, 79%, 78%
XYZ	30.2165, 24.8001, 5.3848
YIQ	132.3810, 73.2220, -5.4180

Conversions

Conversions Part 2

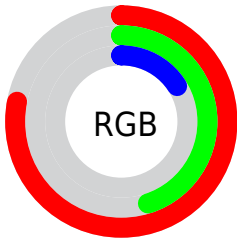
Format	Color
RYB	199, 182, 42
Decimal	13071402
CIELab	56.88, 27.11, 52.24
CIELCh	57, 58.859, 62.574
Yxy	24.8001, 0.5003, 0.4106
Android (android.graphics.Color)	4291261482 (0xFFC7742A)
YUV	132.3810, -44.5578, 58.4249
Hunter-Lab	49.7997, 21.1574, 28.4488

Details

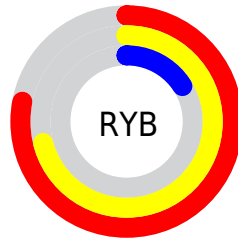
The Hex color **C7742A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2A7DC7**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FFA95D**, and **8B4300** is the 20% darker color. If you saturate the color by 10%, you get **C76916**, and if you desaturate by 10%, it is **C77F3E**.

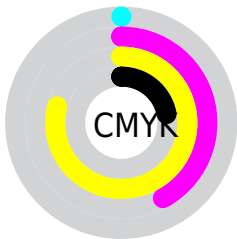
Distribution



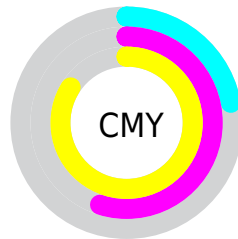
- Red (78%)
- Green (45%)
- Blue (16%)



- Red (78%)
- Yellow (71%)
- Blue (16%)



- Cyan (0%)
- Magenta (42%)
- Yellow (79%)
- Black (22%)



- Cyan (22%)
- Magenta (55%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7742A 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 C7742A by changing the saturation by 10% instead.

 C7742A

 C7742A

FFFFFF

 A95B0E

 FFA95D

 8B4300

 FFC477

 6E2B00

 FFE091

 521500

 FFFDAD

 360000

 FFFFFC8

 1B0001

 FFFFFE5

 000000

 C7742A

 C7742A

 C76916

 C77F3E

 C75F02

 C78952

 C75E00

 C79466

 C79E7A

 C7A98E

 C7B3A1

 C7BEB5

 C7C8C9

 C7D3DD

Harmonies

Analogous

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



E05F54



C7742A



9E8710

Triad

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



C7742A



00A18C



8F79DF

Complementary

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



C7742A



2A7DC7

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.



008DEF



C7742A



00A0BE

Square

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



C7742A



009D57



009AE3



CA62B9

Rectangle

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



C7742A



7D911D



009AE3



7180E8

Sweetspot

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



C7742A



FFDFC2



C72A7E



806C5B



000000



808080

Same Dimension

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



C7742A



FF7F0D



C7C22A



635E5A



A34D00



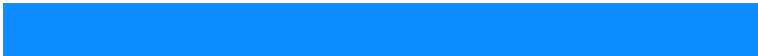
241100

Inverse Universe

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



2A7DC7



0D8DFF



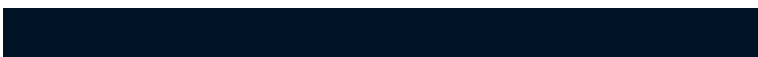
2A2FC7



5A5F63



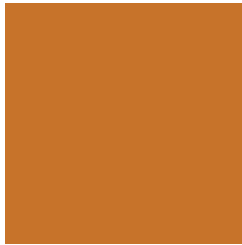
0056A3



001324

Previews

White Background



This preview shows how the Hex color C7742A looks on a white background.

Color Contrast Check

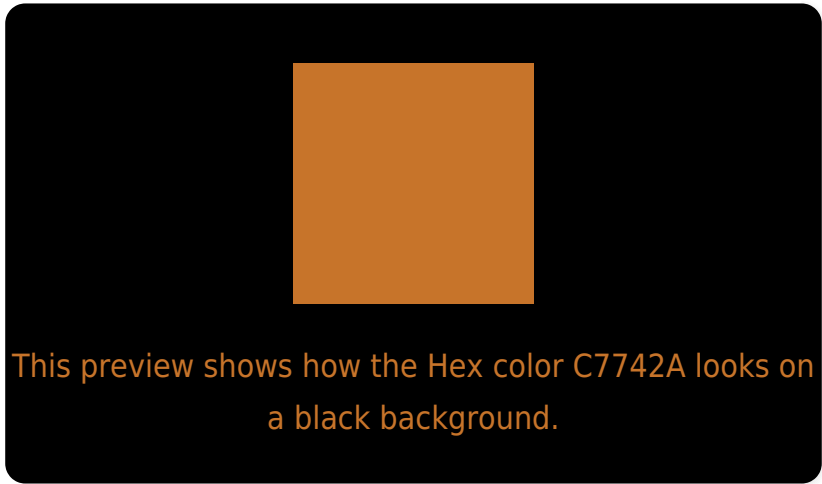
Large Text (above 18pt) WCAG AA ✓ Pass

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 C7742A Background



This preview shows how black text looks on a background with the Hex color C7742A.



This preview shows how white text looks on a background with the Hex color C7742A.

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
C7742A

Protanopia
998930

Deuteranopia
AC8225



Tritanopia
CB6D74

Trichromacy



Original Color
C7742A

Protanomaly
AA812E

Deuteranomaly
B67D27

Tritanomaly
CA7059

Monochromacy



Original Color
C7742A

Achromatopsia
848484

Achromatomaly
9C7E63

CSS Examples

Text

The CSS property to change the color of the text to Hex C7742A 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 #C7742A looks like.

```
.text, #text, p{  
    color:#C7742A  
}
```

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 #C7742A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7742A
}
```

Border

The CSS property to change the border of an element to Hex C7742A 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
#C7742A }
```

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

```
.border{ border-color:#C7742A }
```

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

Here you see how a box with a 4 pixel #C7742A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7742A; -webkit-box-shadow:4px 4px  
4px 4px #C7742A; box-shadow:4px 4px 4px  
4px #C7742A }
```

Background

The CSS property to change the background color of an element to Hex C7742A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7742A }
```

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

```
.background{ background-color:#C7742A }
```

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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