

Converting Colors

Hex(C7442A)

Have a look what the booklet for
Hex(C7442A) contains.

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Color

Hex(C7442A)

Conversions

Conversions Part 1

Format	Color
Hex	C7442A
RGB	199, 68, 42
RGB Percent	78%, 27%, 16%
CMY	0.2196, 0.7333, 0.8353
CMYK	0.00, 0.66, 0.79, 0.22
HSL	10°, 65%, 47%
HSV	10°, 79%, 78%
XYZ	26.0382, 16.4435, 3.9920
YIQ	104.2050, 86.4220, 19.6860

Conversions

Conversions Part 2

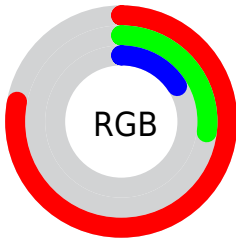
Format	Color
RYB	199, 73, 42
Decimal	13059114
CIELab	47.55, 50.81, 43.13
CIElCh	48, 66.644, 40.327
Yxy	16.4435, 0.5603, 0.3538
Android (android.graphics.Color)	4291249194 (0xFFC7442A)
YUV	104.2050, -30.6671, 83.1352
Hunter-Lab	40.5506, 43.6543, 22.5486

Details

The Hex color **C7442A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2AADC7**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF7A59**, and **890000** is the 20% darker color. If you saturate the color by 10%, you get **C73316**, and if you desaturate by 10%, it is **C7553E**.

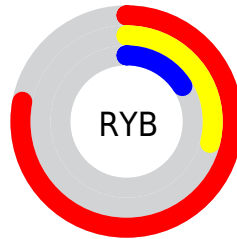
Distribution



Red (78%)

Green (27%)

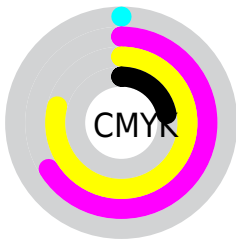
Blue (16%)



Red (78%)

Yellow (29%)

Blue (16%)

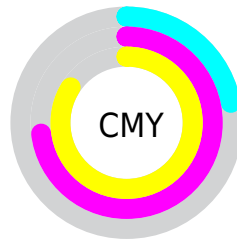


Cyan (0%)

Magenta (66%)

Yellow (79%)

Black (22%)



Cyan (22%)

Magenta (73%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7442A 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 C7442A by changing the saturation by 10% instead.

 C7442A

 C7442A

FFFFFF

 A82713

 FF7A59

 890000

 FF9673

 6B0000

 FFB28C

 4D0000

 FFCEA7

 320002

 FFEBC3

 000000

 FFFFDF

 FFFFFB

 C7442A

 C7442A

 C73316

 C7553E

 C72302

 C76552

 C72100

 C77666

 C7867A

 C7978E

 C7A8A1

 C7B8B5

 C7C9C9

 C7D9DD

Harmonies

Analogous

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



D32C60



C7442A



A66000

Triad

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



C7442A



008748



0071E0

Complementary

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



C7442A



2AADC7

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.



0081DB



C7442A



008983

Square

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



C7442A



368103



0088B9



8A58C7

Rectangle

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



C7442A



886F00



0088B9



0078E2

Sweetspot

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



C7442A



FFCC2



C72AAF



80615B



000000



808080

Same Dimension

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



C7442A



FF350D



C7902A



635B5A



A31B00



240600

Inverse Universe

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



2AADC7



0DD7FF



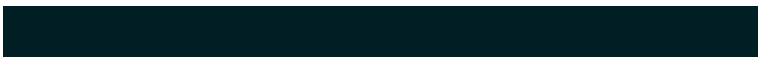
2A61C7



5A6263



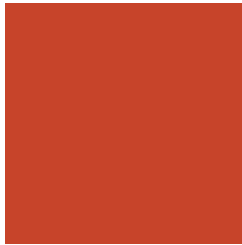
0088A3



001E24

Previews

White Background



This preview shows how the Hex color C7442A looks on a white background.

Color Contrast Check

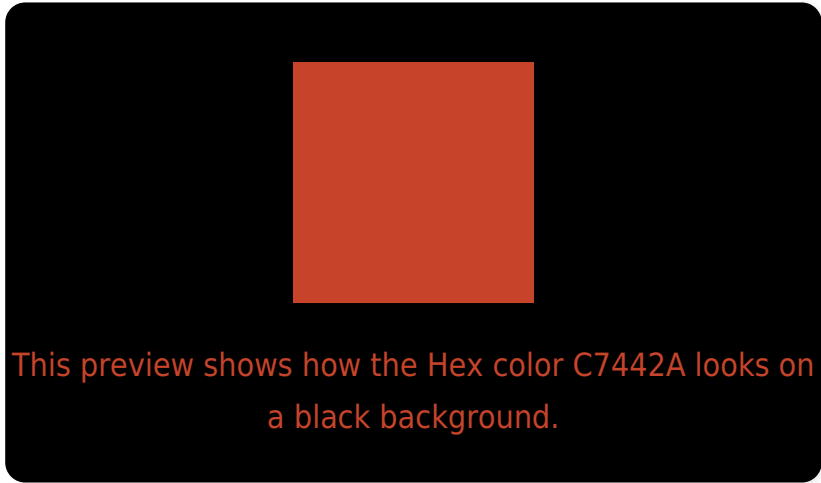
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex C7442A Background



This preview shows how black text looks on a background with the Hex color C7442A.



This preview shows how white text looks on a background with the Hex color C7442A.

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
C7442A

Protanopia
7E7237

Deuteranopia
8F6C1F



Tritanopia
C84144

Trichromacy



Original Color
C7442A

Protanomaly
996132

Deuteranomaly
A35D23

Tritanomaly
C8423B

Monochromacy



Original Color
C7442A

Achromatopsia
686868

Achromatomaly
8B5B51

CSS Examples

Text

The CSS property to change the color of the text to Hex C7442A 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 #C7442A looks like.

```
.text, #text, p{  
    color:#C7442A  
}
```

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 #C7442A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7442A
}
```

Border

The CSS property to change the border of an element to Hex C7442A is called "border". The border property can be set on classes, ids or directly on the HTML element.

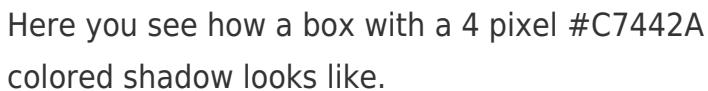
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C7442A }
```

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

```
.border{ border-color:#C7442A }
```

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



Here you see how a box with a 4 pixel `#C7442A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7442A; -webkit-box-shadow:4px 4px  
4px 4px #C7442A; box-shadow:4px 4px 4px  
4px #C7442A }
```

Background

The CSS property to change the background color of an element to Hex C7442A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7442A }
```

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

```
.background{ background-color:#C7442A }
```

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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