

# Converting Colors

Hex(C7422A)

Have a look what the booklet for  
Hex(C7422A) contains.

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# Color

Hex(C7422A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7422A
RGB	199, 66, 42
RGB Percent	78%, 26%, 16%
CMY	0.2196, 0.7412, 0.8353
CMYK	0.00, 0.67, 0.79, 0.22
HSL	9°, 65%, 47%
HSV	9°, 79%, 78%
XYZ	25.9193, 16.2057, 3.9524
YIQ	103.0310, 86.9720, 20.7320

# Conversions

## Conversions Part 2

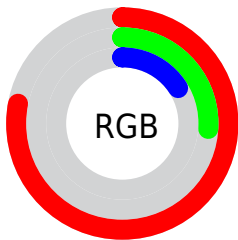
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">199, 70, 42</a>
Decimal	<a href="#">13058602</a>
CIELab	<a href="#">47.24, 51.64, 42.82</a>
CIElCh	<a href="#">47, 67.082, 39.666</a>
Yxy	<a href="#">16.2057, 0.5625, 0.3517</a>
Android (android.graphics.Color)	<a href="#">4291248682</a> ( <a href="#">0xFFC7422A</a> )
YUV	<a href="#">103.0310, -30.0883, 84.1648</a>
Hunter-Lab	<a href="#">40.2563, 44.4800, 22.3583</a>

# Details

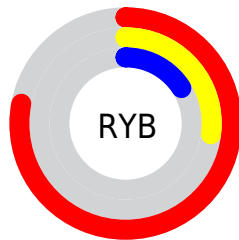
The Hex color **C7422A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2AAFC7**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF7959**, and **890000** is the 20% darker color. If you saturate the color by 10%, you get **C73116**, and if you desaturate by 10%, it is **C7533E**.

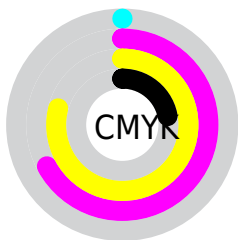
# Distribution



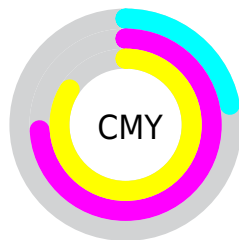
- Red (78%)
- Green (26%)
- Blue (16%)



- Red (78%)
- Yellow (27%)
- Blue (16%)



- Cyan (0%)
- Magenta (67%)
- Yellow (79%)
- Black (22%)



- Cyan (22%)
- Magenta (74%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7422A 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 C7422A by changing the saturation by 10% instead.



 C7422A

 C7422A

FFFFFF

 A82513

 FF7959

 890000

 FF9472

 6B0000

 FFB08C

 4D0000

 FFCCA7

 320002

 FFE9C2

 000000

 FFFFDE

 FFFFFB

 C7422A

 C7422A

 C73116

 C7533E

 C72002

 C76452

 C71E00

 C77566

 C7857A

 C7968E

 C7A7A1

 C7B8B5

 C7C9C9

 C7DADD

# Harmonies

## Analogous

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



D22A60



C7422A



A65F00

# Triad

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



C7422A



008646



0071E1

# Complementary

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



C7422A



2AAFC7

# 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



C7422A



008981

# Square

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



C7422A



368000



0088B7



8757C8

# Rectangle

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



C7422A



886E00



0088B7



0078E2



# Sweetspot

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



C7422A



FFCBC2



C72AAF



80605B



000000



808080



# Same Dimension

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



C7422A



FF320D



C7902A



635B5A



A31900



240500



# Inverse Universe

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



2AAFC7



0DDAFF



2A61C7



5A6263



008AA3

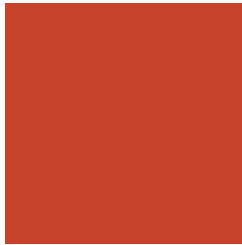


001E24



# Previews

## White Background



This preview shows how the Hex color C7422A looks on a white background.

## Color Contrast Check

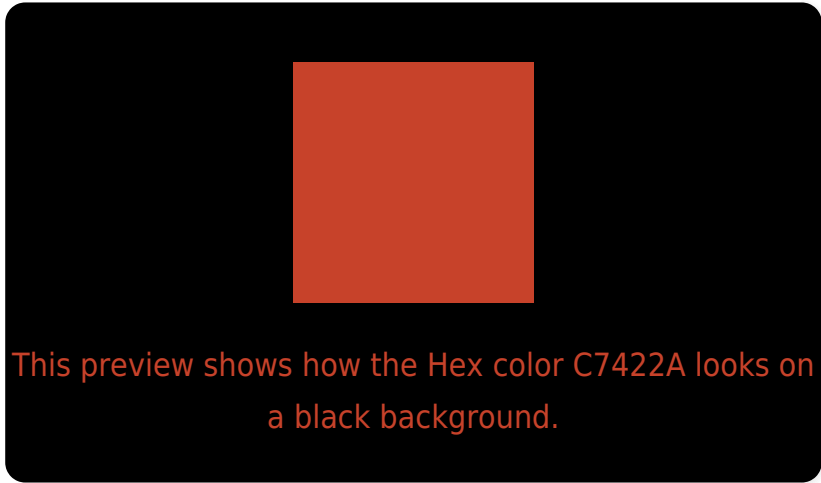
Large Text (above 18pt) WCAG AA ✓ Pass

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 C7422A Background



This preview shows how black text looks on a background with the Hex color C7422A.



This preview shows how white text looks on a background with the Hex color C7422A.

# 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**  
C7422A

**Protanopia**  
7D7137

**Deuteranopia**  
8E6B1F



**Tritanopia**  
C83F42

# Trichromacy



**Original Color**  
C7422A

**Protanomaly**  
986032

**Deuteranomaly**  
A35C23

**Tritanomaly**  
C84039

# Monochromacy



**Original Color**  
C7422A

**Achromatopsia**  
676767

**Achromatomaly**  
8A5A51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7422A 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 #C7422A looks like.

```
.text, #text, p{  
    color:#C7422A  
}
```

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 #C7422A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7422A
}
```

## Border

The CSS property to change the border of an element to Hex C7422A is called "border". The border property can be set on classes, ids or directly on the HTML element.

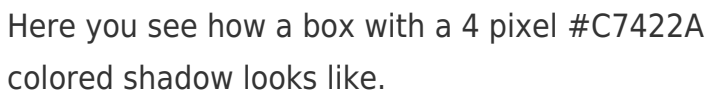
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C7422A }
```

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

```
.border{ border-color:#C7422A }
```

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



Here you see how a box with a 4 pixel `#C7422A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7422A; -webkit-box-shadow:4px 4px  
4px 4px #C7422A; box-shadow:4px 4px 4px  
4px #C7422A }
```

# Background

The CSS property to change the background color of an element to Hex C7422A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7422A }
```

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

```
.background{ background-color:#C7422A }
```

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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