

Converting Colors

Hex(C72002)

Have a look what the booklet for
Hex(C72002) contains.

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Color

Hex(C72002)

Conversions

Conversions Part 1

Format	Color
Hex	C72002
RGB	199, 32, 2
RGB Percent	78%, 13%, 1%
CMY	0.2196, 0.8745, 0.9922
CMYK	0.00, 0.84, 0.99, 0.22
HSL	9°, 98%, 39%
HSV	9°, 99%, 78%
XYZ	24.0807, 13.1795, 1.3321
YIQ	78.5130, 109.1620, 26.0740

Conversions

Conversions Part 2

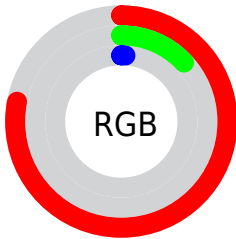
Format	Color
RYB	199, 37, 2
Decimal	13049858
CIELab	43.03, 61.93, 55.70
CIElCh	43, 83.292, 41.965
Yxy	13.1795, 0.6240, 0.3415
Android (android.graphics.Color)	4291239938 (0xFFC72002)
YUV	78.5130, -37.7209, 105.6671
Hunter-Lab	36.3036, 54.8701, 23.2369

Details

The Hex color **C72002** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **02A9C7**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5F37**, and **870000** is the 20% darker color. If you saturate the color by 10%, you get **C71E00**, and if you desaturate by 10%, it is **C73116**.

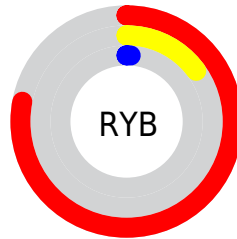
Distribution



Red (78%)

Green (13%)

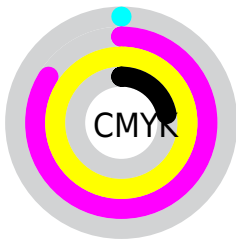
Blue (1%)



Red (78%)

Yellow (15%)

Blue (1%)

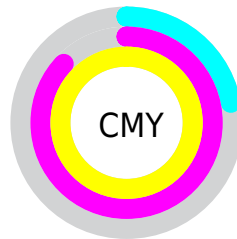


Cyan (0%)

Magenta (84%)

Yellow (99%)

Black (22%)



Cyan (22%)

Magenta (87%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color C72002 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 C72002 by changing the saturation by 10% instead.

 C72002

 C72002

 FFFFFFF2

 A70000

 FF5F37

 870000

 FF7C50

 680000

 FF9869

 4A0002

 FFB583

 2C0001

 FFD29E

 000000

 FFF0B9

 FFFF05

 C72002

 C72002

■ C71E00

■ C73116

■ C7422A

■ C7533E

■ C76352

■ C77466

■ C78579

■ C7968D

■ C7A7A1

■ C7B8B5

Harmonies

Analogous

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



D9004E



C72002



9E5200

Triad

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



C72002



007E37



0066EF

Complementary

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



C72002



02A9C7

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.



0079EB



C72002



008181

Square

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



C72002



007900



0080C2



8541CE

Rectangle

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



C72002



796500



0080C2



006FF2

Sweetspot

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



C72002



FFBEB3



C702A9



805952



000000



808080

Same Dimension

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



C72002



FF2700



C78202



635B5A



A31900



240500

Inverse Universe

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



02A9C7



00D8FF



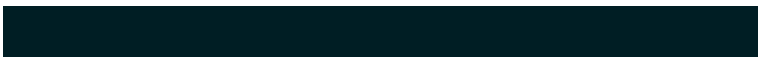
0247C7



5A6263



008AA3



001E24

Previews

White Background



This preview shows how the Hex color C72002 looks on a white background.

Color Contrast Check

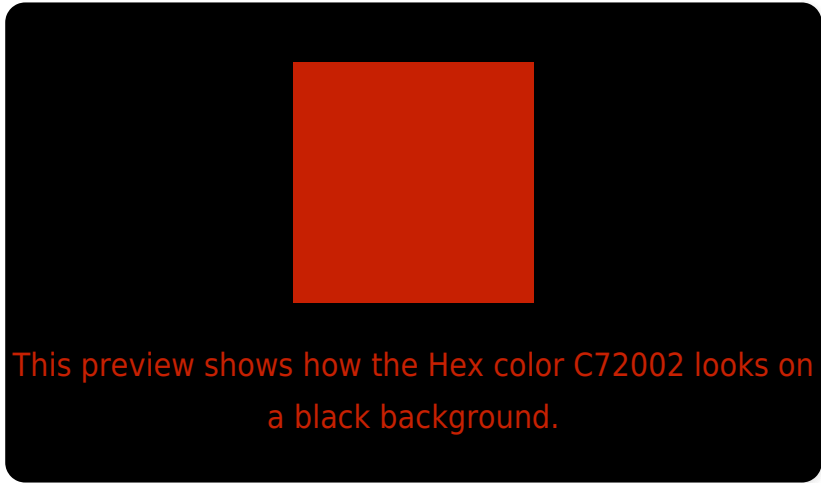
Large Text (above 18pt) WCAG AA ✓ Pass

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 C72002 Background



This preview shows how black text looks on a background with the Hex color C72002.



This preview shows how white text looks on a background with the Hex color C72002.

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
C72002

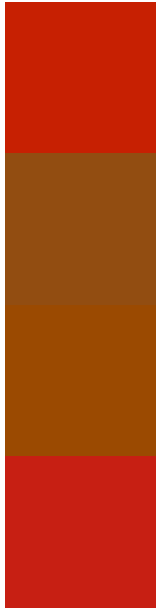
Protanopia
746719

Deuteranopia
826200



Tritanopia
C71E1C

Trichromacy



Original Color
C72002

Protanomaly
924D11

Deuteranomaly
9B4A01

Tritanomaly
C71F13

Monochromacy



Original Color
C72002

Achromatopsia
4F4F4F

Achromatomaly
7B3E33

CSS Examples

Text

The CSS property to change the color of the text to Hex C72002 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 #C72002 looks like.

```
.text, #text, p{  
    color:#C72002  
}
```

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 #C72002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C72002
}
```

Border

The CSS property to change the border of an element to Hex C72002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

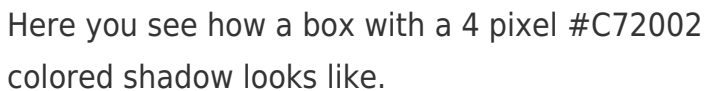
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C72002 }
```

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

```
.border{ border-color:#C72002 }
```

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



Here you see how a box with a 4 pixel `#C72002` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C72002; -webkit-box-shadow:4px 4px  
4px 4px #C72002; box-shadow:4px 4px 4px  
4px #C72002 }
```

Background

The CSS property to change the background color of an element to Hex C72002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C72002 }
```

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

```
.background{ background-color:#C72002 }
```

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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