

# Converting Colors

Hex(C72831)

Have a look what the booklet for  
Hex(C72831) contains.

|  |    |
|--|----|
| <b>Hex(C72831)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(C72831)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | C72831                    |
| RGB           | 199, 40, 49               |
| RGB Percent   | 78%, 16%, 19%             |
| CMY           | 0.2196, 0.8431, 0.8078    |
| CMYK          | 0.00, 0.80, 0.75, 0.22    |
| HSL           | 357°, 67%, 47%            |
| HSV           | 357°, 80%, 78%            |
| XYZ           | 24.8664, 13.8814, 4.2745  |
| YIQ           | 88.5670, 91.8750, 36.5070 |

# Conversions

## Conversions Part 2

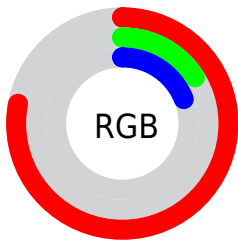
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <a href="#">RYB</a>                 | 199, 40, 49                   |
| Decimal                             | 13051953                      |
| CIELab                              | 44.06, 60.90, 35.58           |
| CIElCh                              | 44, 70.531, 30.298            |
| Yxy                                 | 13.8814, 0.5780,<br>0.3227    |
| Android<br>(android.graphics.Color) | 4291242033<br>(0xFFC72831)    |
| YUV                                 | 88.5670, -19.5065,<br>96.8497 |
| Hunter-Lab                          | 37.2578, 53.9321,<br>19.2782  |

# Details

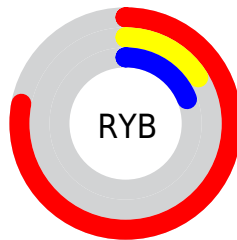
The Hex color **C72831** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **28C7BE**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6560**, and **890004** is the 20% darker color. If you saturate the color by 10%, you get **C7141E**, and if you desaturate by 10%, it is **C73C44**.

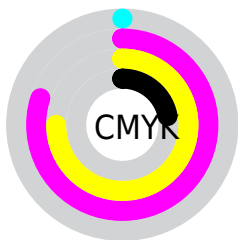
# Distribution



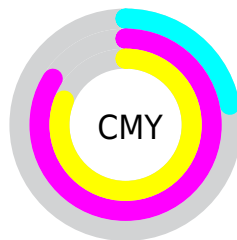
- Red (78%)
- Green (16%)
- Blue (19%)



- Red (78%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (80%)
- Yellow (75%)
- Black (22%)



- Cyan (22%)
- Magenta (84%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C72831 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 C72831 by changing the saturation by 10% instead.



 C72831

 C72831

FFFFFF

 A8001C

 FF6560

 890004

 FF8179

 6A0000

 FF9E92

 4C0001

 FFBAAD

 2F0002

 FFD7C8

 000000

 FFF5E5

 C72831

 C72831

 C7141E

 C73C44

 C7000B

 C75057

 C76469

 C7787C

 C78C8F

 C79FA2

 C7B3B4

 C7C7C7

 C7DBDA

# Harmonies

## Analogous

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



CA0B6A



C72831



AB4D00

# Triad

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



C72831



007D28



0070DF

# Complementary

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



C72831



28C7BE

# 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.



007CCE



C72831



008067

# Square

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



C72831



437500



0081A2



5F58CF

# Rectangle

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



C72831



8F5F00



0081A2



0075DD



# Sweetspot

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



C72831



FFC2C5



BC28C7



805B5D



000000



808080



# Same Dimension

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



C72831



FF0A18



C76D28



635A5A



A30009



240002



# Inverse Universe

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



C72831



FF0A18



2882C7



635A5A



A30009



240002



# Previews

## White Background



This preview shows how the Hex color C72831 looks on a white background.

## Color Contrast Check

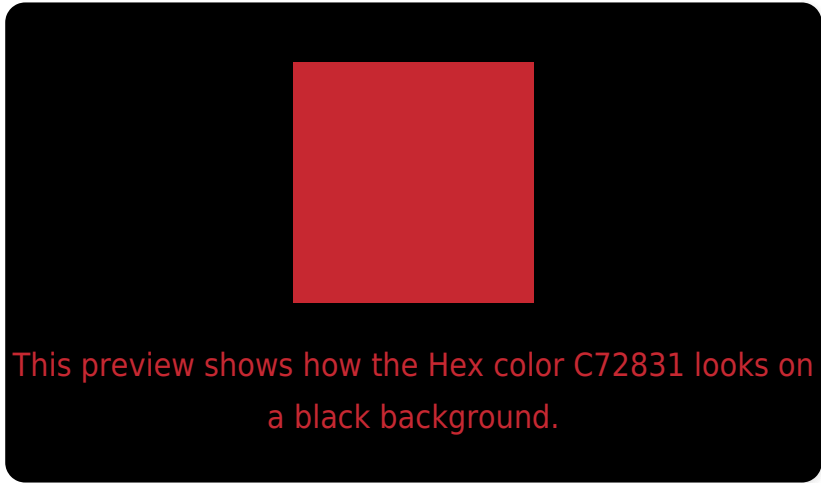
Large Text (above 18pt) WCAG AA ✓ Pass

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 C72831 Background



This preview shows how black text looks on a background with the Hex color C72831.



This preview shows how white text looks on a background with the Hex color C72831.

# 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



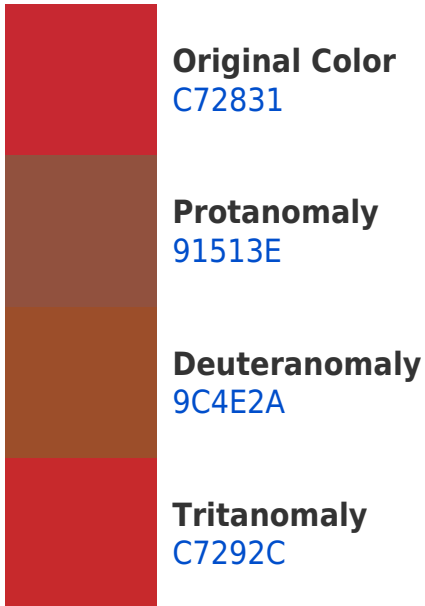
**Original Color**  
C72831

**Protanopia**  
726945

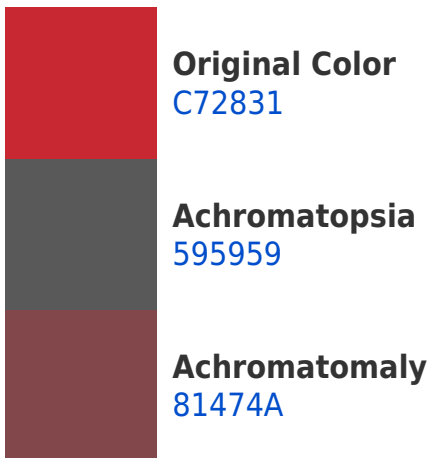
**Deuteranopia**  
836426



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C72831 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 #C72831 looks like.

```
.text, #text, p{  
    color:#C72831  
}
```

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 #C72831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C72831
}
```

## Border

The CSS property to change the border of an element to Hex C72831 is called "border". The border property can be set on classes, ids or directly on the HTML element.

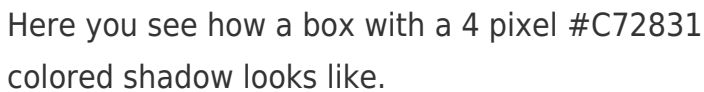
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C72831 }
```

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

```
.border{ border-color:#C72831 }
```

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



Here you see how a box with a 4 pixel #C72831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C72831; -webkit-box-shadow:4px 4px  
4px 4px #C72831; box-shadow:4px 4px 4px  
4px #C72831 }
```

# Background

The CSS property to change the background color of an element to Hex C72831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C72831 }
```

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

```
.background{ background-color:#C72831 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor