

Converting Colors

Hex(C72241)

Have a look what the booklet for
Hex(C72241) contains.

Hex(C72241)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C72241)

Conversions

Conversions Part 1

Format	Color
Hex	C72241
RGB	199, 34, 65
RGB Percent	78%, 13%, 25%
CMY	0.2196, 0.8667, 0.7451
CMYK	0.00, 0.83, 0.67, 0.22
HSL	349°, 71%, 46%
HSV	349°, 83%, 78%
XYZ	25.0794, 13.6678, 6.3174
YIQ	86.8690, 88.3890, 44.6210

Conversions

Conversions Part 2

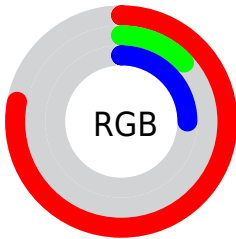
Format	Color
RYB	199, 34, 65
Decimal	13050433
CIELab	43.75, 63.14, 25.60
CIELCh	44, 68.133, 22.066
Yxy	13.6678, 0.5565, 0.3033
Android (android.graphics.Color)	4291240513 (0xFFC72241)
YUV	86.8690, -10.7814, 98.3389
Hunter-Lab	36.9700, 56.3915, 15.7477

Details

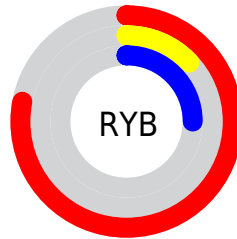
The Hex color **C72241** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **22C7A8**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6271**, and **890017** is the 20% darker color. If you saturate the color by 10%, you get **C70E31**, and if you desaturate by 10%, it is **C73651**.

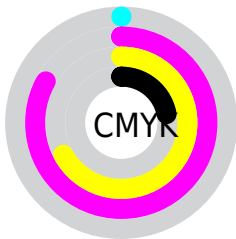
Distribution



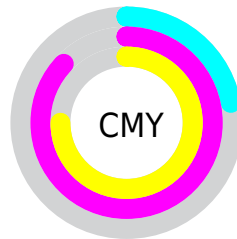
- Red (78%)
- Green (13%)
- Blue (25%)



- Red (78%)
- Yellow (13%)
- Blue (25%)



- Cyan (0%)
- Magenta (83%)
- Yellow (67%)
- Black (22%)



- Cyan (22%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C72241 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 C72241 by changing the saturation by 10% instead.

 C72241

 C72241

FFFFFF

 A8002B

 FF6271

 890017

 FF7E8A

 6B0000

 FF9BA4

 4D0002

 FFB8BF

 2F0002

 FFD5DB

 000000

 FFF3F8

 C72241

 C72241

 C70E31

 C73651

 C70025

 C74A61

 C75E71

 C77282

 C78692

 C799A2

 C7ADB2

 C7C1C2

 C7D5D2

Harmonies

Analogous

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



C21C79



C72241



B24502

Triad

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



C72241



007A17



0073D9

Complementary

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



C72241



22C7A8

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.



007DC1



C72241



007E56

Square

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



C72241



567100



008091



375FD2

Rectangle

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



C72241



995800



008091



0077D4

Sweetspot

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



C72241



FFBFCB



A622C7



805960



000000



808080

Same Dimension

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



C72241



FF0332



C75422



635A5B



A3001F



240007

Inverse Universe

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



C72241



FF0332



2295C7



635A5B



A3001F



240007

Previews

White Background



This preview shows how the Hex color C72241 looks on a white background.

Color Contrast Check

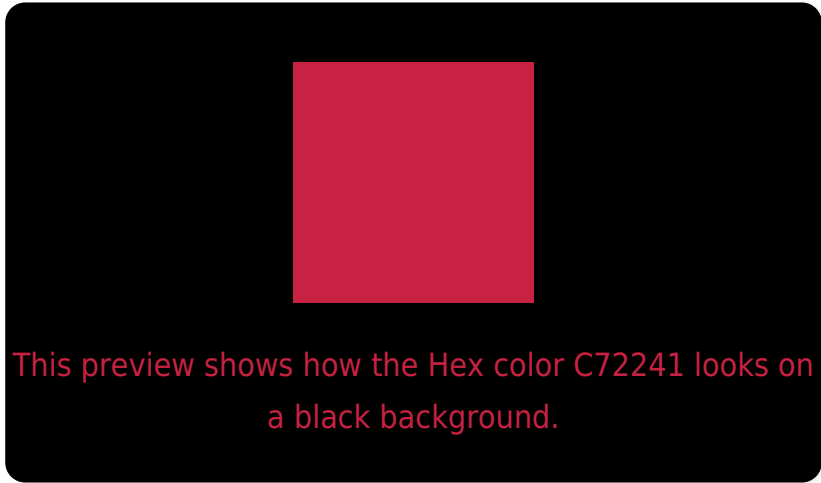
Large Text (above 18pt) WCAG AA ✓ Pass

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 C72241 Background



This preview shows how black text looks on a background with the Hex color C72241.

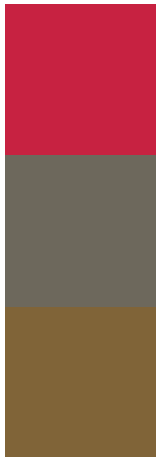


This preview shows how white text looks on a background with the Hex color C72241.

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
C72241

Protanopia
6D685C

Deuteranopia
806438

Trichromacy



Original Color
C72241

Protanomaly
8E4F52

Deuteranomaly
9A4C3B

Tritanomaly
C62631

Monochromacy



Original Color
C72241

Achromatopsia
575757

Achromatomaly
80444F

CSS Examples

Text

The CSS property to change the color of the text to Hex C72241 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 #C72241 looks like.

```
.text, #text, p{  
    color:#C72241  
}
```

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 #C72241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C72241
}
```

Border

The CSS property to change the border of an element to Hex C72241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

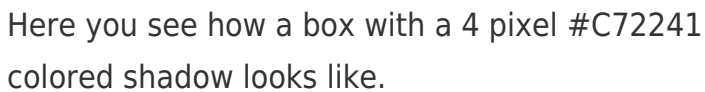
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C72241 }
```

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

```
.border{ border-color:#C72241 }
```

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



Here you see how a box with a 4 pixel `#C72241` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C72241; -webkit-box-shadow:4px 4px  
4px 4px #C72241; box-shadow:4px 4px 4px  
4px #C72241 }
```

Background

The CSS property to change the background color of an element to Hex C72241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C72241 }
```

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

```
.background{ background-color:#C72241 }
```

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