

Converting Colors

Hex(C82231)

Have a look what the booklet for
Hex(C82231) contains.

Hex(C82231)	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(C82231)

Conversions

Conversions Part 1

Format	Color
Hex	C82231
RGB	200, 34, 49
RGB Percent	78%, 13%, 19%
CMY	0.2157, 0.8667, 0.8078
CMYK	0.00, 0.83, 0.76, 0.22
HSL	355°, 71%, 46%
HSV	355°, 83%, 78%
XYZ	24.9458, 13.6452, 4.2247
YIQ	85.3440, 94.1210, 39.8570

Conversions

Conversions Part 2

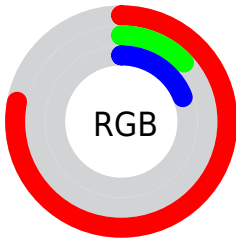
Format	Color
R_{YB}	200, 34, 49
Decimal	13115953
CIE _{Lab}	43.72, 62.72, 35.26
CIE _{LCh}	44, 71.946, 29.343
Yxy	13.6452, 0.5826, 0.3187
Android (android.graphics.Color)	4291306033 (0xFFC82231)
YUV	85.3440, -17.9176, 100.5533
Hunter-Lab	36.9394, 55.9004, 19.0766

Details

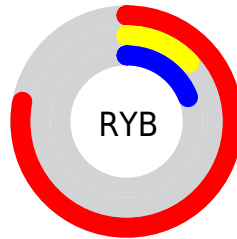
The Hex color **C82231** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **22C8B9**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF6160**, and **890005** is the 20% darker color. If you saturate the color by 10%, you get **C80E1F**, and if you desaturate by 10%, it is **C83643**.

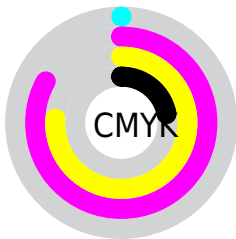
Distribution



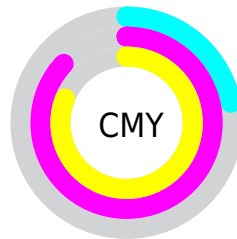
- Red (78%)
- Green (13%)
- Blue (19%)



- Red (78%)
- Yellow (13%)
- Blue (19%)



- Cyan (0%)
- Magenta (83%)
- Yellow (76%)
- Black (22%)



- Cyan (22%)
- Magenta (87%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color C82231 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 C82231 by changing the saturation by 10% instead.

 C82231

 C82231

FFFFFF

 A8001C

 FF6160

 890005

 FF7E78

 6A0000

 FF9B92

 4C0002

 FFB7AD

 2F0002

 FFD5C8

 000000

 FFF2E4

 C82231

 C82231

 C80E1F

 C83643

 C80012

 C84A55

 C85E68

 C8727A

 C8868C

 C89A9E

 C8AEB0

 C8C2C3

 C8D6D5

Harmonies

Analogous

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



CB006B



C82231



AC4A00

Triad

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



C82231



007C23



0070E0

Complementary

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



C82231



22C8B9

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.



007CCF



C82231



008064

Square

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



C82231



437400



0080A1



5958D1

Rectangle

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



C82231



905D00



0080A1



0075DE

Sweetspot

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



C82231



FFBFC5



B722C8



80595D



000000



808080

Same Dimension

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



C82231



FF0017



C86422



635A5A



A3000F



240003

Inverse Universe

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



C82231



FF0017



2286C8



635A5A



A3000F



240003

Previews

White Background



This preview shows how the Hex color C82231 looks on a white background.

Color Contrast Check

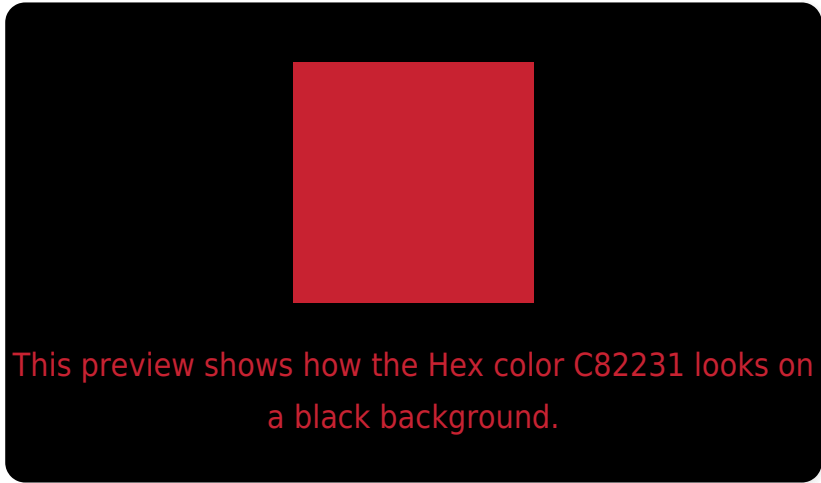
Large Text (above 18pt) WCAG AA ✓ Pass

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 C82231 Background



This preview shows how black text looks on a background with the Hex color C82231.



This preview shows how white text looks on a background with the Hex color C82231.

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

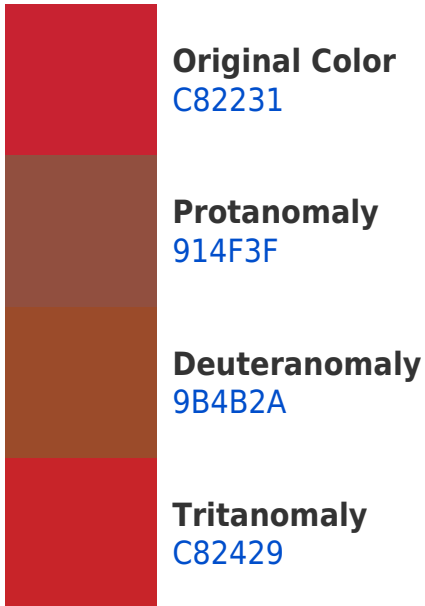


Original Color
C82231

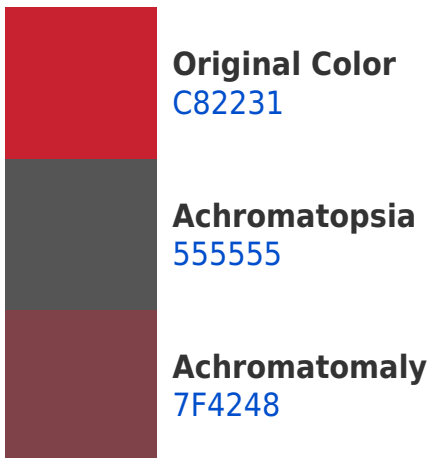
Protanopia
716847

Deuteranopia
826326

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C82231 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 #C82231 looks like.

```
.text, #text, p{  
    color:#C82231  
}
```

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 #C82231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C82231
}
```

Border

The CSS property to change the border of an element to Hex C82231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

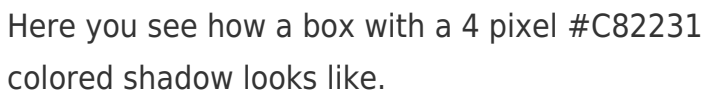
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C82231 }
```

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

```
.border{ border-color:#C82231 }
```

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



Here you see how a box with a 4 pixel `#C82231` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C82231; -webkit-box-shadow:4px 4px  
4px 4px #C82231; box-shadow:4px 4px 4px  
4px #C82231 }
```

Background

The CSS property to change the background color of an element to Hex C82231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C82231 }
```

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

```
.background{ background-color:#C82231 }
```

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