

Converting Colors

Hex(C82828)

Have a look what the booklet for
Hex(C82828) contains.

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Color

Hex(C82828)

Conversions

Conversions Part 1

Format	Color
Hex	C82828
RGB	200, 40, 40
RGB Percent	78%, 16%, 16%
CMY	0.2157, 0.8431, 0.8431
CMYK	0.00, 0.80, 0.80, 0.22
HSL	0°, 67%, 47%
HSV	0°, 80%, 78%
XYZ	24.9612, 13.9501, 3.3845
YIQ	87.8400, 95.3600, 33.9200

Conversions

Conversions Part 2

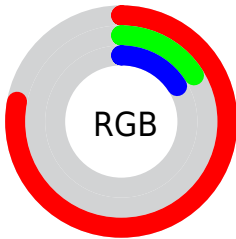
Format	Color
RYB	200, 40, 40
Decimal	13117480
CIELab	44.16, 60.88, 40.84
CIElCh	44, 73.308, 33.857
Yxy	13.9501, 0.5902, 0.3298
Android (android.graphics.Color)	4291307560 (0xFFC82828)
YUV	87.8400, -23.5851, 98.3643
Hunter-Lab	37.3499, 53.9306, 20.7723

Details

The Hex color **C82828** 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 **28C8C8**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6556**, and **890000** is the 20% darker color. If you saturate the color by 10%, you get **C81414**, and if you desaturate by 10%, it is **C83C3C**.

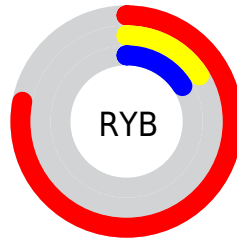
Distribution



Red (78%)

Green (16%)

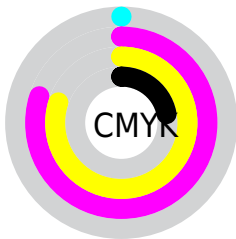
Blue (16%)



Red (78%)

Yellow (16%)

Blue (16%)

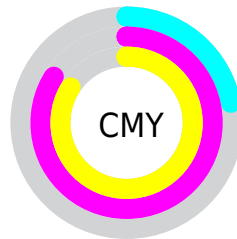


Cyan (0%)

Magenta (80%)

Yellow (80%)

Black (22%)



Cyan (22%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color C82828 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 C82828 by changing the saturation by 10% instead.

 C82828

 C82828

FFFFFF

 A80012

 FF6556

 890000

 FF816F

 6A0000

 FF9E89

 4C0001

 FFBA A3

 2F0002

 FFD7BE

 000000

 FFF5DA

 FFFFF7

 C82828

 C82828

 C81414

 C83C3C

 C80000

 C85050

 C86464

 C87878

 C88C8C

 C8A0A0

 C8B4B4

 C8C8C8

 C8DCDC

Harmonies

Analogous

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



CF0063



C82828



A85000

Triad

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



C82828



007E2E



006EE4

Complementary

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



C82828



28C8C8

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.



007CD7



C82828



00826F

Square

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



C82828



367700



0081AB



6C54CF

Rectangle

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



C82828



8A6200



0081AB



0074E3

Sweetspot

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



C82828



FFC2C2



C828C8



805B5B



000000



808080

Same Dimension

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



C82828



FF0A0A



C87828



635A5A



A30000



240000

Inverse Universe

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



28C8C8



0AFFFF



2878C8



5A6363



00A3A3



002424

Previews

White Background



This preview shows how the Hex color C82828 looks on a white background.

Color Contrast Check

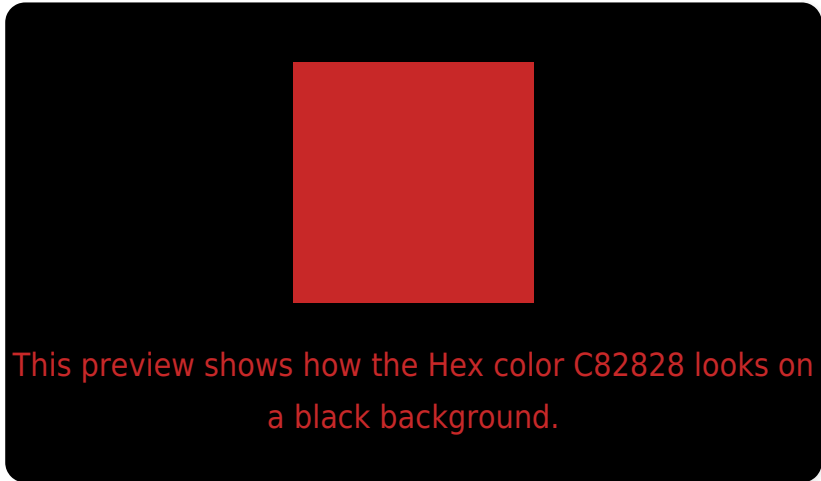
Large Text (above 18pt) WCAG AA ✓ Pass

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 C82828 Background



This preview shows how black text looks on a background with the Hex color C82828.



This preview shows how white text looks on a background with the Hex color C82828.

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
C82828

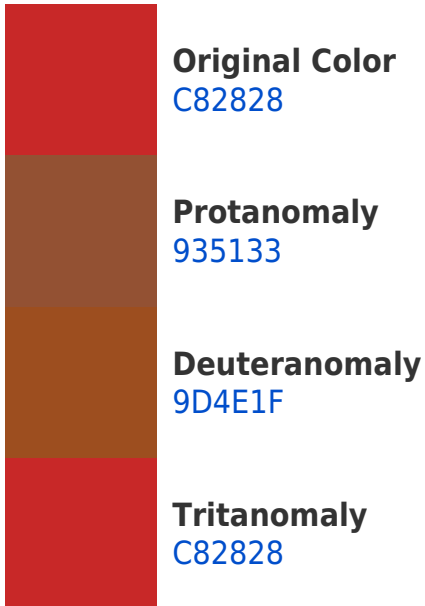
Protanopia
74693A

Deuteranopia
85641A

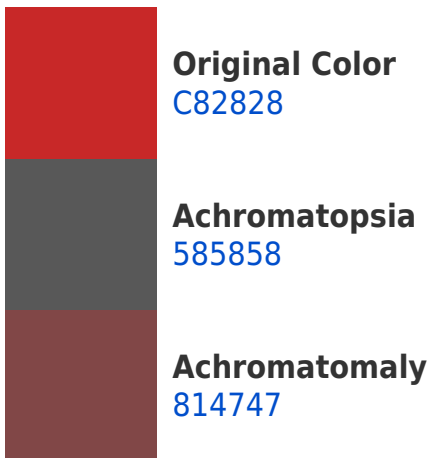


Tritanopia
C82828

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C82828 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 #C82828 looks like.

```
.text, #text, p{  
    color:#C82828  
}
```

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 #C82828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C82828
}
```

Border

The CSS property to change the border of an element to Hex C82828 is called "border". The border property can be set on classes, ids or directly on the HTML element.

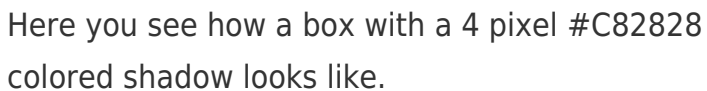
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C82828 }
```

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

```
.border{ border-color:#C82828 }
```

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



Here you see how a box with a 4 pixel `#C82828` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C82828; -webkit-box-shadow:4px 4px  
4px 4px #C82828; box-shadow:4px 4px 4px  
4px #C82828 }
```

Background

The CSS property to change the background color of an element to Hex C82828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C82828 }
```

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

```
.background{ background-color:#C82828 }
```

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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