

Converting Colors

Hex(C82838)

Have a look what the booklet for
Hex(C82838) contains.

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Color

Hex(C82838)

Conversions

Conversions Part 1

Format	Color
Hex	C82838
RGB	200, 40, 56
RGB Percent	78%, 16%, 22%
CMY	0.2157, 0.8431, 0.7804
CMYK	0.00, 0.80, 0.72, 0.22
HSL	354°, 67%, 47%
HSV	354°, 80%, 78%
XYZ	25.2920, 14.0825, 5.1265
YIQ	89.6640, 90.2240, 38.8960

Conversions

Conversions Part 2

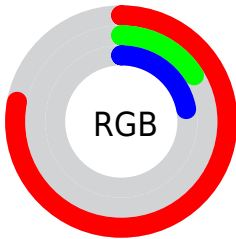
Format	Color
R _Y B	200, 40, 56
Decimal	13117496
CIE Lab	44.35, 61.47, 31.83
CIE LCh	44, 69.223, 27.380
Yxy	14.0825, 0.5683, 0.3165
Android (android.graphics.Color)	4291307576 (0xFFC82838)
YUV	89.6640, -16.5964, 96.7647
Hunter-Lab	37.5266, 54.6331, 18.1690

Details

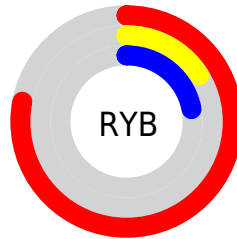
The Hex color **C82838** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **28C8B8**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6567**, and **8A000E** is the 20% darker color. If you saturate the color by 10%, you get **C81426**, and if you desaturate by 10%, it is **C83C4A**.

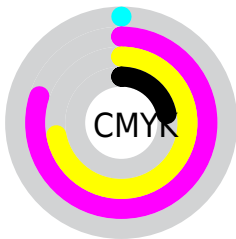
Distribution



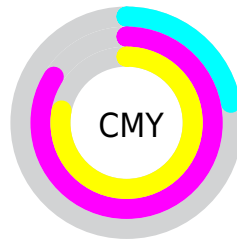
- Red (78%)
- Green (16%)
- Blue (22%)



- Red (78%)
- Yellow (16%)
- Blue (22%)



- Cyan (0%)
- Magenta (80%)
- Yellow (72%)
- Black (22%)



- Cyan (22%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color C82838 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 C82838 by changing the saturation by 10% instead.

 C82838

 C82838

FFFFFF

 A90022

 FF6567

 8A000E

 FF8280

 6B0000

 FF9E9A

 4D0001

 FFBBB5

 300002

 FFD8D1

 000000

 FFF6ED

 C82838

 C82838

 C81426

 C83C4A

 C80014

 C8505C

 C8646E

 C87880

 C88C92

 C8A0A4

 C8B4B6

 C8C8C8

 C8DCDA

Harmonies

Analogous

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



C81671



C82838



AE4B00

Triad

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



C82838



007D24



0072DD

Complementary

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



C82838



28C8B8

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.



007DCA



C82838



008162

Square

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



C82838



4C7500



00819D



545CD1

Rectangle

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



C82838



945E00



00819D



0077DA

Sweetspot

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



C82838



FFC2C8



B828C8



805B5E



000000



808080

Same Dimension

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



C82838



FF0A23



C86828



635A5A



A30010



240004

Inverse Universe

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



C82838



FF0A23



2888C8



635A5A



A30010



240004

Previews

White Background



This preview shows how the Hex color C82838 looks on a white background.

Color Contrast Check

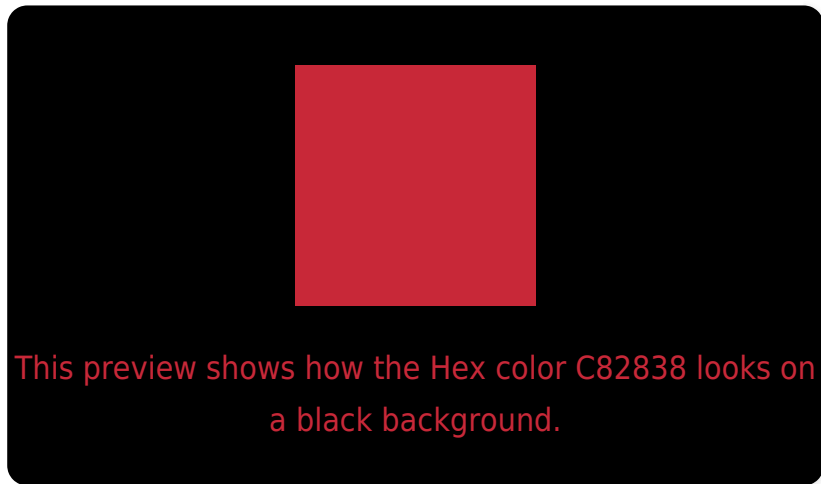
Large Text (above 18pt) WCAG AA ✓ Pass

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 C82838 Background



This preview shows how black text looks on a background with the Hex color C82838.



This preview shows how white text looks on a background with the Hex color C82838.

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
C82838

Protanopia
726A4E

Deuteranopia
83652E

Trichromacy



Original Color
C82838

Protanomaly
915246

Deuteranomaly
9C4F32

Tritanomaly
C82930

Monochromacy



Original Color
C82838

Achromatopsia
5A5A5A

Achromatomaly
82484E

CSS Examples

Text

The CSS property to change the color of the text to Hex C82838 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 #C82838 looks like.

```
.text, #text, p{  
    color:#C82838  
}
```

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 #C82838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C82838
}
```

Border

The CSS property to change the border of an element to Hex C82838 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
#C82838 }
```

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

```
.border{ border-color:#C82838 }
```

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

Here you see how a box with a 4 pixel #C82838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C82838; -webkit-box-shadow:4px 4px  
4px 4px #C82838; box-shadow:4px 4px 4px  
4px #C82838 }
```

Background

The CSS property to change the background color of an element to Hex C82838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C82838 }
```

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

```
.background{ background-color:#C82838 }
```

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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