

Converting Colors

Hex(C83B2A)

Have a look what the booklet for
Hex(C83B2A) contains.

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Color

Hex(C83B2A)

Conversions

Conversions Part 1

Format	Color
Hex	C83B2A
RGB	200, 59, 42
RGB Percent	78%, 23%, 16%
CMY	0.2157, 0.7686, 0.8353
CMYK	0.00, 0.70, 0.79, 0.22
HSL	6°, 65%, 47%
HSV	6°, 79%, 78%
XYZ	25.8013, 15.5745, 3.8368
YIQ	99.2210, 89.4930, 24.6050

Conversions

Conversions Part 2

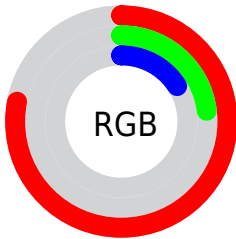
Format	Color
R_{YB}	200, 61, 42
Decimal	13122346
CIE _{Lab}	46.41, 54.73, 42.04
CIE _{LCh}	46, 69.012, 37.526
Yxy	15.5745, 0.5707, 0.3445
Android (android.graphics.Color)	4291312426 (0xFFC83B2A)
YUV	99.2210, -28.2100, 88.3832
Hunter-Lab	39.4645, 47.6378, 21.8609

Details

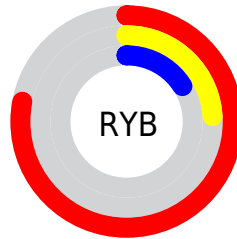
The Hex color **C83B2A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2AB7C8**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF7359**, and **8A0000** is the 20% darker color. If you saturate the color by 10%, you get **C82916**, and if you desaturate by 10%, it is **C84D3E**.

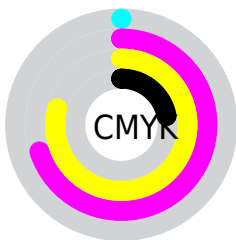
Distribution



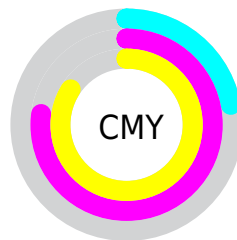
- Red (78%)
- Green (23%)
- Blue (16%)



- Red (78%)
- Yellow (24%)
- Blue (16%)



- Cyan (0%)
- Magenta (70%)
- Yellow (79%)
- Black (22%)



- Cyan (22%)
- Magenta (77%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color C83B2A 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 C83B2A by changing the saturation by 10% instead.

 C83B2A

 C83B2A

FFFFFF

 A91B14

 FF7359

 8A0000

 FF8E72

 6B0000

 FFAB8C

 4D0000

 FFC7A6

 310002

 FFE4C2

 000000

 FFFFDE

 FFFFFB

 C83B2A

 C83B2A

 C82916

 C84D3E

 C81702

 C85F52

 C81600

 C87166

 C8827A

 C8948E

 C8A6A2

 C8B8B6

 C8CACA

 C8DCDE

Harmonies

Analogous

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



D22062



C83B2A



A85A00

Triad

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



C83B2A



00843F



0071E2

Complementary

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



C83B2A



2AB7C8

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.



0080DA



C83B2A



00877C

Square

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



C83B2A



377D00



0086B4



7F57CB

Rectangle

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



C83B2A



8A6A00



0086B4



0077E3

Sweetspot

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



C83B2A



FFC8C2



C82AB8



805F5B



000000



808080

Same Dimension

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



C83B2A



FF270D



C8892A



635B5A



A31200



240400

Inverse Universe

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



2AB7C8



0DE5FF



2A69C8



5A6263



0092A3



002024

Previews

White Background



This preview shows how the Hex color C83B2A looks on a white background.

Color Contrast Check

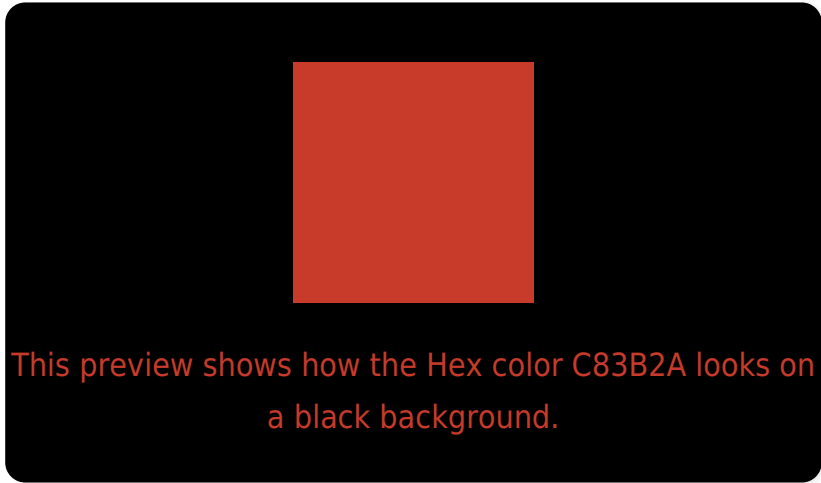
Large Text (above 18pt) WCAG AA ✓ Pass

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 C83B2A Background



This preview shows how black text looks on a background with the Hex color C83B2A.




This preview shows how white text looks on a background with the Hex color C83B2A.

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](#).

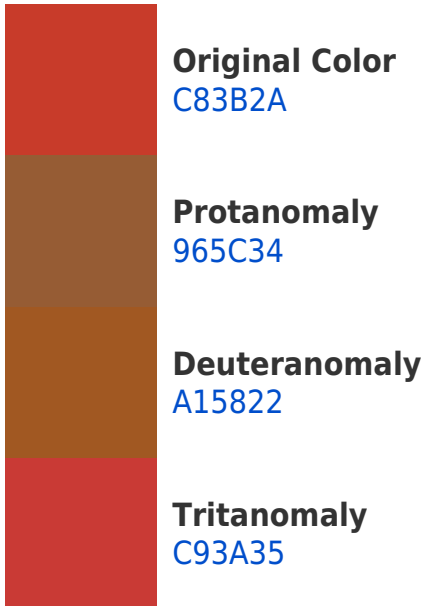
Dichromacy





Tritanopia
C9393B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C83B2A 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 #C83B2A looks like.

```
.text, #text, p{  
    color:#C83B2A  
}
```

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 #C83B2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C83B2A
}
```

Border

The CSS property to change the border of an element to Hex C83B2A 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".

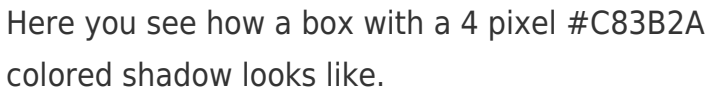
```
.border, #border, table{ border:4px solid
#C83B2A }
```

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

```
.border{ border-color:#C83B2A }
```

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

Here you see how a box with a 4 pixel #C83B2A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C83B2A; -webkit-box-shadow:4px 4px  
4px 4px #C83B2A; box-shadow:4px 4px 4px  
4px #C83B2A }
```

Background

The CSS property to change the background color of an element to Hex C83B2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C83B2A }
```

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

```
.background{ background-color:#C83B2A }
```

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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