

Converting Colors

Hex(C83A04)

Have a look what the booklet for
Hex(C83A04) contains.

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Color

Hex(C83A04)

Conversions

Conversions Part 1

Format	Color
Hex	C83A04
RGB	200, 58, 4
RGB Percent	78%, 23%, 2%
CMY	0.2157, 0.7725, 0.9843
CMYK	0.00, 0.71, 0.98, 0.22
HSL	17°, 96%, 40%
HSV	17°, 98%, 78%
XYZ	25.3544, 15.3142, 1.7345
YIQ	94.3020, 101.9660, 13.3100

Conversions

Conversions Part 2

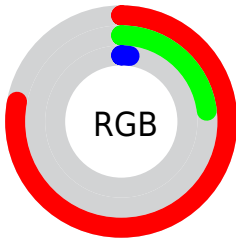
Format	Color
RYB	200, 79, 4
Decimal	13122052
CIELab	46.06, 54.36, 56.68
CIELCh	46, 78.533, 46.197
Yxy	15.3142, 0.5979, 0.3612
Android (android.graphics.Color)	4291312132 (0xFFC83A04)
YUV	94.3020, -44.5189, 92.6971
Hunter-Lab	39.1334, 47.1660, 24.7655

Details

The Hex color **C83A04** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0492C8**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF723B**, and **890000** is the 20% darker color. If you saturate the color by 10%, you get **C83700**, and if you desaturate by 10%, it is **C84818**.

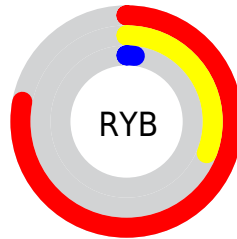
Distribution



Red (78%)

Green (23%)

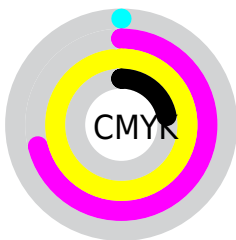
Blue (2%)



Red (78%)

Yellow (31%)

Blue (2%)

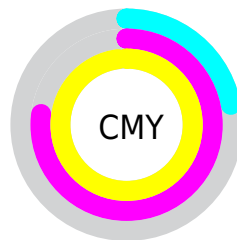


Cyan (0%)

Magenta (71%)

Yellow (98%)

Black (22%)



Cyan (22%)

Magenta (77%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color C83A04 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 C83A04 by changing the saturation by 10% instead.

 C83A04

 C83A04

 FFFFFFF8

 A81A00

 FF723B

 890000

 FF8D55

 6A0000

 FFA96E

 4C0000

 FFC688

 300002

 FFE3A3

 000000

 FFFFBF

 FFFFDB

 C83A04

 C83A04

 C83700

 C84818

 C8572C

 C86540

 C87454

 C88268

 C8917C

 C89F90

 C8AEA4

 C8BCB8

Harmonies

Analogous

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



DC004D



C83A04



9E5F00

Triad

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



C83A04



00864B



006AEE

Complementary

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



C83A04



0492C8

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.



007EEF



C83A04



008890

Square

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



C83A04



008100



0087CC



9945CA

Rectangle

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



C83A04



796F00



0087CC



0072F2

Sweetspot

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



C83A04



FFC9B5



C80494



805F53



000000



808080

Same Dimension

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



C83A04



FF4600



C89A04



635C5A



A32D00



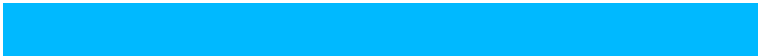
240A00

Inverse Universe

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



0492C8



00B9FF



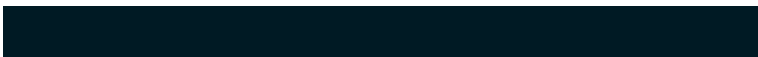
0432C8



5A6163



0076A3



001A24

Previews

White Background



This preview shows how the Hex color C83A04 looks on a white background.

Color Contrast Check

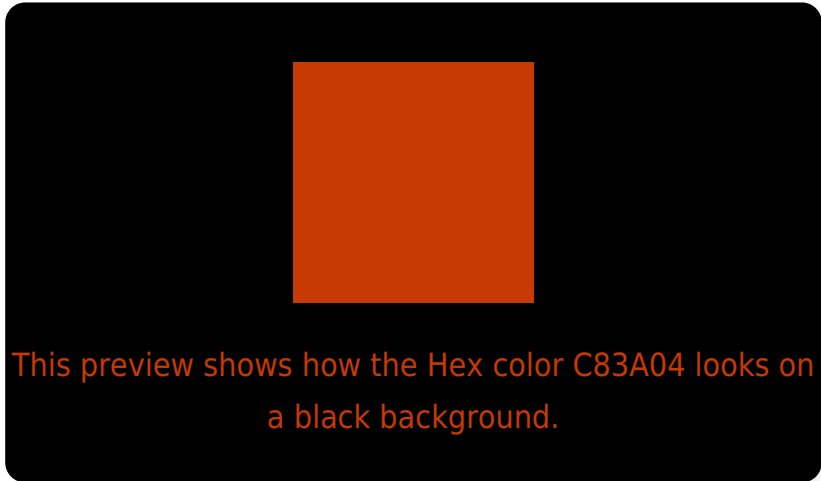
Large Text (above 18pt) WCAG AA ✓ Pass

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 C83A04 Background



This preview shows how black text looks on a background with the Hex color C83A04.



This preview shows how white text looks on a background with the Hex color C83A04.

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

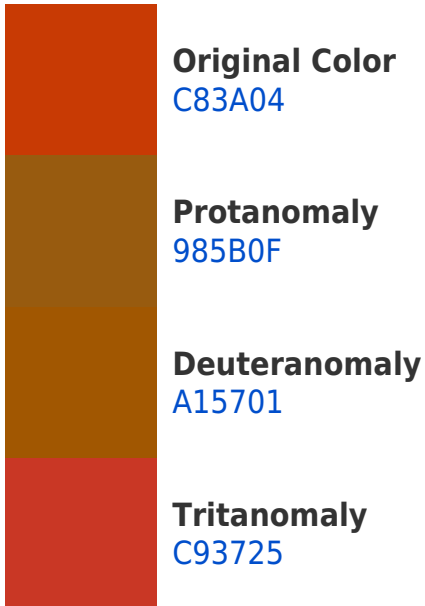


Original Color
C83A04

Protanopia
7C6E16

Deuteranopia
8B6800

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C83A04 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 #C83A04 looks like.

```
.text, #text, p{  
    color:#C83A04  
}
```

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 #C83A04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C83A04
}
```

Border

The CSS property to change the border of an element to Hex C83A04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

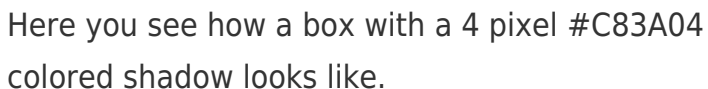
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C83A04 }
```

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

```
.border{ border-color:#C83A04 }
```

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



Here you see how a box with a 4 pixel `#C83A04` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C83A04; -webkit-box-shadow:4px 4px  
4px 4px #C83A04; box-shadow:4px 4px 4px  
4px #C83A04 }
```

Background

The CSS property to change the background color of an element to Hex C83A04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C83A04 }
```

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

```
.background{ background-color:#C83A04 }
```

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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