

# Converting Colors

Hex(C73B2A)

Have a look what the booklet for  
Hex(C73B2A) contains.

<b>Hex(C73B2A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(C73B2A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C73B2A
RGB	199, 59, 42
RGB Percent	78%, 23%, 16%
CMY	0.2196, 0.7686, 0.8353
CMYK	0.00, 0.70, 0.79, 0.22
HSL	6°, 65%, 47%
HSV	6°, 79%, 78%
XYZ	25.5351, 15.4372, 3.8243
YIQ	98.9220, 88.8970, 24.3930

# Conversions

## Conversions Part 2

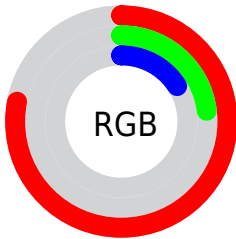
Format	Color
R <sub>Y</sub> B	199, 61, 42
Decimal	13056810
CIE Lab	46.23, 54.41, 41.79
CIE LCh	46, 68.605, 37.528
Yxy	15.4372, 0.5700, 0.3446
Android (android.graphics.Color)	4291246890 (0xFFC73B2A)
YUV	98.9220, -28.0625, 87.7684
Hunter-Lab	39.2902, 47.2509, 21.7321

# Details

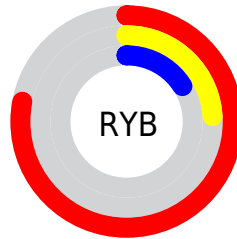
The Hex color **C73B2A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2AB6C7**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF7359**, and **890000** is the 20% darker color. If you saturate the color by 10%, you get **C72916**, and if you desaturate by 10%, it is **C74D3E**.

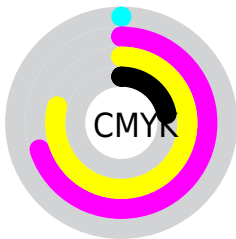
# Distribution



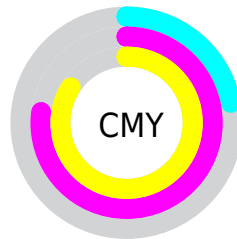
- Red (78%)
- Green (23%)
- Blue (16%)



- 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 C73B2A 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 C73B2A by changing the saturation by 10% instead.



 C73B2A

 C73B2A

FFFFFF

 A81B14

 FF7359

 890000

 FF8E72

 6A0000

 FFAA8C

 4C0000

 FFC7A6

 310002

 FFE4C2

 000000

 FFFFDE

 FFFFFB

 C73B2A

 C73B2A

 C72916

 C74D3E

 C71802

 C75E52

 C71600

 C77066

 C7827A

 C7948E

 C7A5A1

 C7B7B5

 C7C9C9

 C7DBDD

# Harmonies

## Analogous

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



D12162



C73B2A



A75A00

# Triad

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



C73B2A



00843E



0070E1

# Complementary

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



C73B2A



2AB6C7

# 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.



007FD8



C73B2A



00867B

# Square

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



C73B2A



377D00



0085B3



7E56CA

# Rectangle

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



C73B2A



896A00



0085B3



0076E2



# Sweetspot

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



C73B2A



FFC8C2



C72AB7



805F5B



000000



808080



# Same Dimension

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



C73B2A



FF270D



C7882A



635B5A



A31200



240400



# Inverse Universe

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



2AB6C7



0DE5FF



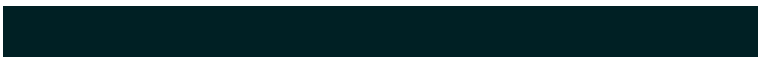
2A69C7



5A6263



0092A3



002024



# Previews

## White Background



This preview shows how the Hex color C73B2A looks on a white background.

## Color Contrast Check

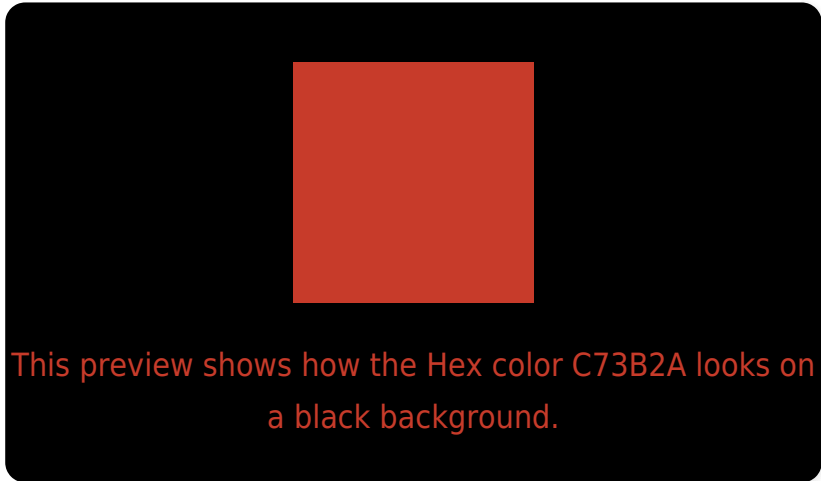
Large Text (above 18pt) WCAG AA ✓ Pass

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 C73B2A Background



This preview shows how black text looks on a background with the Hex color C73B2A.



This preview shows how white text looks on a background with the Hex color C73B2A.

# 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**  
C73B2A

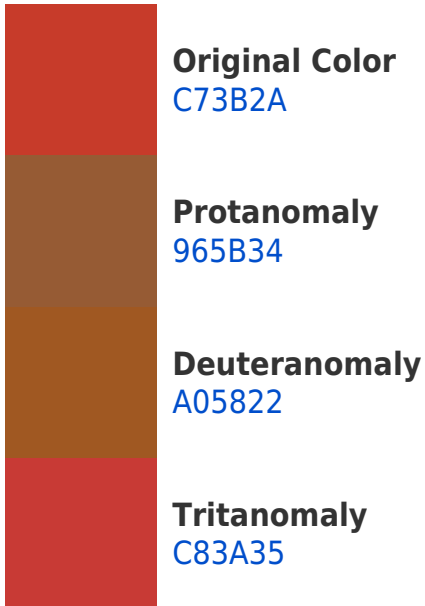
**Protanopia**  
7A6E39

**Deuteranopia**  
8A691E

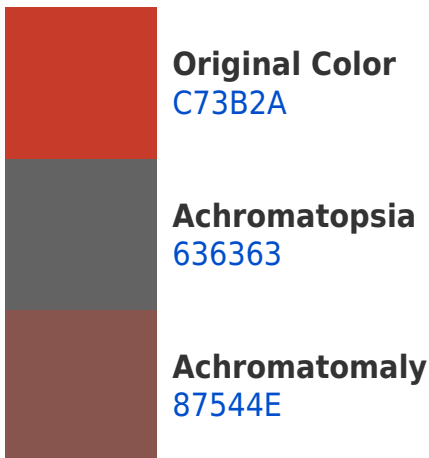


**Tritanopia**  
C8393B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C73B2A 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 #C73B2A looks like.

```
.text, #text, p{  
    color:#C73B2A  
}
```

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 #C73B2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C73B2A
}
```

## Border

The CSS property to change the border of an element to Hex C73B2A 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
#C73B2A }
```

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

```
.border{ border-color:#C73B2A }
```

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

Here you see how a box with a 4 pixel #C73B2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C73B2A; -webkit-box-shadow:4px 4px  
4px 4px #C73B2A; box-shadow:4px 4px 4px  
4px #C73B2A }
```

# Background

The CSS property to change the background color of an element to Hex C73B2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C73B2A }
```

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

```
.background{ background-color:#C73B2A }
```

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