

# Converting Colors

Hex(C8423A)

Have a look what the booklet for  
Hex(C8423A) contains.

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**Color**

**Hex(C8423A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8423A
RGB	200, 66, 58
RGB Percent	78%, 26%, 23%
CMY	0.2157, 0.7412, 0.7725
CMYK	0.00, 0.67, 0.71, 0.22
HSL	3°, 56%, 51%
HSV	3°, 71%, 78%
XYZ	26.5314, 16.4813, 5.7858
YIQ	105.1540, 82.4320, 25.9200

# Conversions

## Conversions Part 2

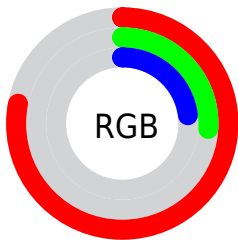
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 66, 58
Decimal	13124154
CIE <sub>Lab</sub>	47.60, 52.63, 34.46
CIE <sub>LCh</sub>	48, 62.914, 33.216
Yxy	16.4813, 0.5437, 0.3377
Android (android.graphics.Color)	4291314234 (0xFFC8423A)
YUV	105.1540, -23.2469, 83.1799
Hunter-Lab	40.5971, 45.6097, 19.9681

# Details

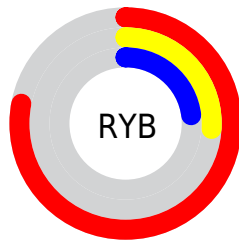
The Hex color **C8423A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3AC0C8**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF796A**, and **8B000F** is the 20% darker color. If you saturate the color by 10%, you get **C82F26**, and if you desaturate by 10%, it is **C8554E**.

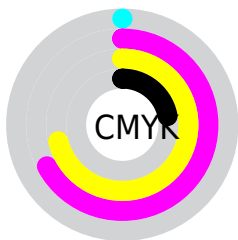
# Distribution



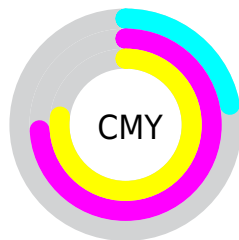
- Red (78%)
- Green (26%)
- Blue (23%)



- Red (78%)
- Yellow (26%)
- Blue (23%)



- Cyan (0%)
- Magenta (67%)
- Yellow (71%)
- Black (22%)



- Cyan (22%)
- Magenta (74%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8423A 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 C8423A by changing the saturation by 10% instead.



 C8423A

 C8423A

FFFFFF

 A92424

 FF796A

 8B000F

 FF9483

 6D0000

 FFB09D

 4F0000

 FFCDB8

 340002

 FFEAD4

 000000

 FFFFF0

 C8423A

 C8423A

 C82F26

 C8554E

 C81C12

 C86862

 C80B00

 C87B76

 C88D8A

 C8A09E

 C8B3B2

 C8C6C6

 C8D9DA

 C8ECEE

# Harmonies

## Analogous

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



CD346E



C8423A



AD5C00

# Triad

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



C8423A



00853E



0076DC

# Complementary

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



C8423A



3AC0C8

# 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.



0083D0



C8423A



008875

# Square

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



C8423A



4D7E00



0088AA



7660CA

# Rectangle

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



C8423A



926A00



0088AA



007BDB



# Sweetspot

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



C8423A



FFCCC9



C83AC1



806160



000000



808080



# Same Dimension

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



C8423A



FF3226



C8883A



635A5A



A30900



240200



# Inverse Universe

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



3AC0C8



26F3FF



3A7AC8



5A6363



009AA3

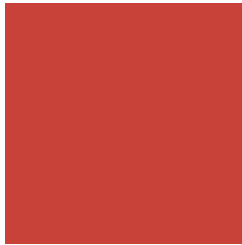


002224



# Previews

## White Background



This preview shows how the Hex color C8423A looks on a white background.

## Color Contrast Check

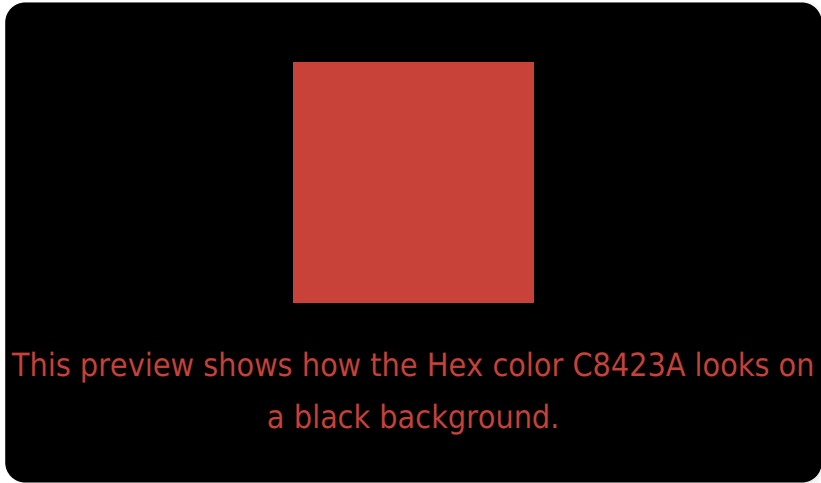
Large Text (above 18pt) WCAG AA ✓ Pass

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 C8423A Background



This preview shows how black text looks on a background with the Hex color C8423A.

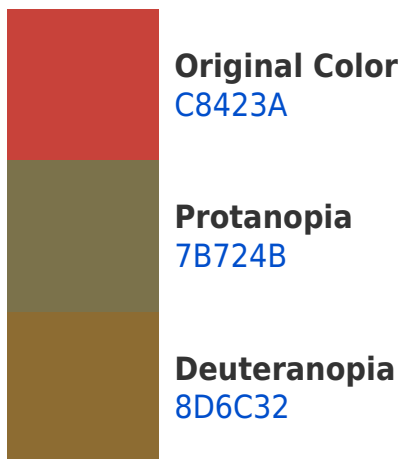


This preview shows how white text looks on a background with the Hex color C8423A.

# 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](#).

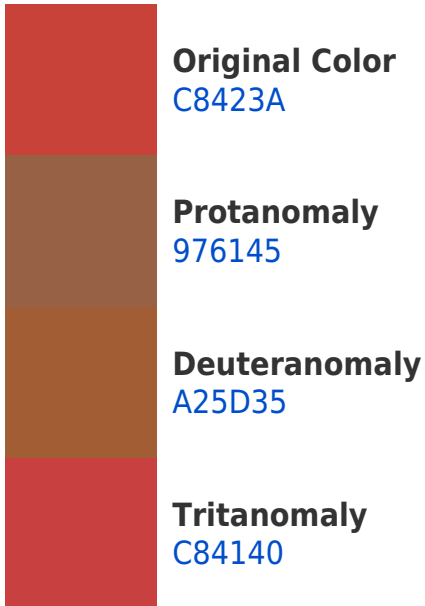
## Dichromacy





**Tritanopia**  
C84144

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8423A 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 #C8423A looks like.

```
.text, #text, p{  
    color:#C8423A  
}
```

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 #C8423A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8423A
}
```

## Border

The CSS property to change the border of an element to Hex C8423A is called "border". The border property can be set on classes, ids or directly on the HTML element.

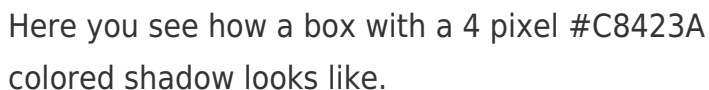
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C8423A }
```

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

```
.border{ border-color:#C8423A }
```

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



Here you see how a box with a 4 pixel #C8423A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8423A; -webkit-box-shadow:4px 4px  
4px 4px #C8423A; box-shadow:4px 4px 4px  
4px #C8423A }
```

# Background

The CSS property to change the background color of an element to Hex C8423A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8423A }
```

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

```
.background{ background-color:#C8423A }
```

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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