

# Converting Colors

Hex(C43623)

Have a look what the booklet for  
Hex(C43623) contains.

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**Color**

**Hex(C43623)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C43623
RGB	196, 54, 35
RGB Percent	77%, 21%, 14%
CMY	0.2314, 0.7882, 0.8627
CMYK	0.00, 0.72, 0.82, 0.23
HSL	7°, 70%, 45%
HSV	7°, 82%, 77%
XYZ	24.3875, 14.4954, 3.1026
YIQ	94.2920, 90.7310, 24.1950

# Conversions

## Conversions Part 2

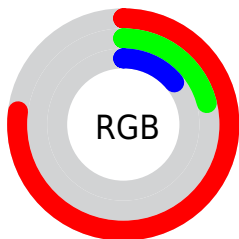
Format	Color
R <sub>Y</sub> B	196, 57, 35
Decimal	12858915
CIE Lab	44.94, 55.07, 43.97
CIE LCh	45, 70.472, 38.607
Yxy	14.4954, 0.5809, 0.3452
Android (android.graphics.Color)	4291048995 (0xFFC43623)
YUV	94.2920, -29.2310, 89.1979
Hunter-Lab	38.0729, 47.7102, 21.8193

# Details

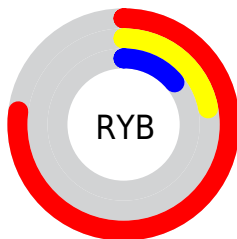
The Hex color **C43623** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **23B1C4**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6E52**, and **860000** is the 20% darker color. If you saturate the color by 10%, you get **C4250F**, and if you desaturate by 10%, it is **C44737**.

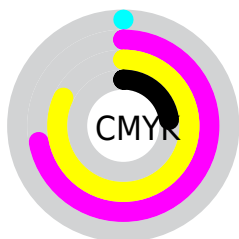
# Distribution



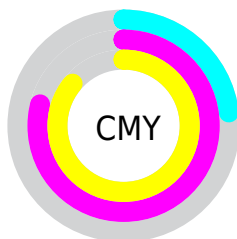
- Red (77%)
- Green (21%)
- Blue (14%)



- Red (77%)
- Yellow (22%)
- Blue (14%)



- Cyan (0%)
- Magenta (72%)
- Yellow (82%)
- Black (23%)



- Cyan (23%)
- Magenta (79%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C43623 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 C43623 by changing the saturation by 10% instead.



 C43623

 C43623

FFFFFF

 A5130C

 FF6E52

 860000

 FF8A6B

 670000

 FFA684

 490001

 FFC29F

 2D0001

 FFDFBA

 000000

 FFFDD6

 FFFFF2

 C43623

 C43623

 C4250F

 C44737

 C41700

 C4594A

 C46A5E

 C47B71

 C48C85

 C49E99

 C4AFAC

 C4C0C0

 C4D2D3

# Harmonies

## Analogous

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



CF125C



C43623



A35700

# Triad

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



C43623



00813C



006DE0

# Complementary

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



C43623



23B1C4

# 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.



007CD9



C43623



00837A

# Square

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



C43623



2D7A00



0082B3



7E51C7

# Rectangle

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



C43623



846700



0082B3



0073E1



# Sweetspot

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



C43623



FFC7BF



C423B1



805E59



000000



808080



# Same Dimension

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



C43623



FF2003



C48623



615857



A11300



210400



# Inverse Universe

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



23B1C4



03E1FF



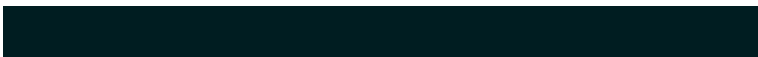
2361C4



576061



008EA1



001D21



# Previews

## White Background



This preview shows how the Hex color C43623 looks on a white background.

## Color Contrast Check

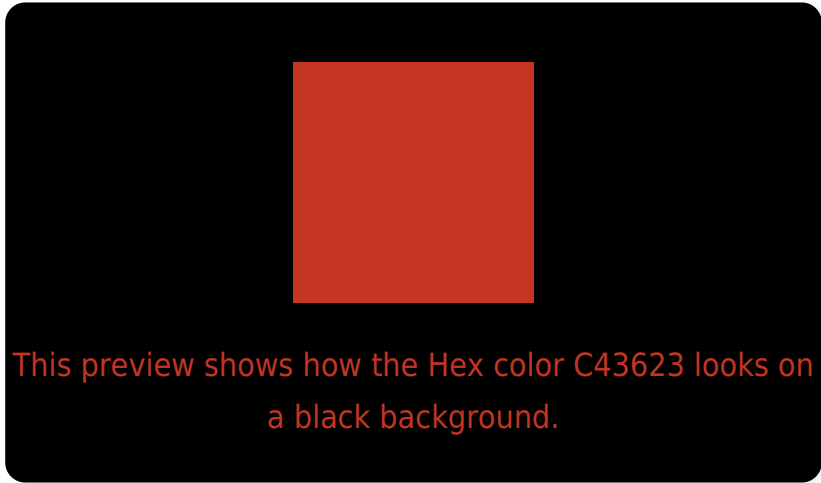
Large Text (above 18pt) WCAG AA ✓ Pass

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 C43623 Background



This preview shows how black text looks on a background with the Hex color C43623.



This preview shows how white text looks on a background with the Hex color C43623.

# 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**  
C43623

**Protanopia**  
776B31

**Deuteranopia**  
876614



**Tritanopia**  
C43436

# Trichromacy



**Original Color**  
C43623

**Protanomaly**  
93582C

**Deuteranomaly**  
9D5519

**Tritanomaly**  
C4352F

# Monochromacy



**Original Color**  
C43623

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
834F49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C43623 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 #C43623 looks like.

```
.text, #text, p{  
    color:#C43623  
}
```

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 #C43623 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C43623
}
```

## Border

The CSS property to change the border of an element to Hex C43623 is called "border". The border property can be set on classes, ids or directly on the HTML element.

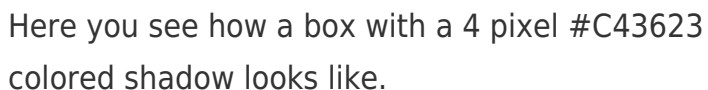
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C43623 }
```

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

```
.border{ border-color:#C43623 }
```

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



Here you see how a box with a 4 pixel #C43623 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C43623; -webkit-box-shadow:4px 4px  
4px 4px #C43623; box-shadow:4px 4px 4px  
4px #C43623 }
```

# Background

The CSS property to change the background color of an element to Hex C43623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C43623 }
```

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

```
.background{ background-color:#C43623 }
```

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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