

Converting Colors

Hex(C63421)

Have a look what the booklet for
Hex(C63421) contains.

Hex(C63421)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C63421)

Conversions

Conversions Part 1

Format	Color
Hex	C63421
RGB	198, 52, 33
RGB Percent	78%, 20%, 13%
CMY	0.2235, 0.7961, 0.8706
CMYK	0.00, 0.74, 0.83, 0.22
HSL	7°, 71%, 45%
HSV	7°, 83%, 78%
XYZ	24.7912, 14.5716, 2.9448
YIQ	93.4880, 93.1150, 25.0430

Conversions

Conversions Part 2

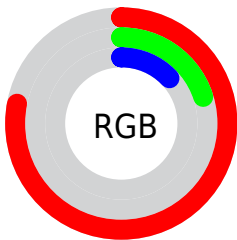
Format	Color
R _Y B	198, 54, 33
Decimal	12989473
CIE Lab	45.04, 56.35, 45.21
CIE LCh	45, 72.248, 38.739
Yxy	14.5716, 0.5860, 0.3444
Android (android.graphics.Color)	4291179553 (0xFFC63421)
YUV	93.4880, -29.8206, 91.6570
Hunter-Lab	38.1727, 49.1243, 22.1470

Details

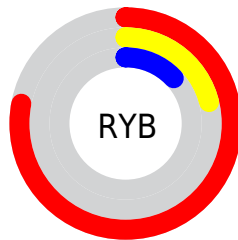
The Hex color **C63421** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **21B3C6**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF6D50**, and **880000** is the 20% darker color. If you saturate the color by 10%, you get **C6220D**, and if you desaturate by 10%, it is **C64635**.

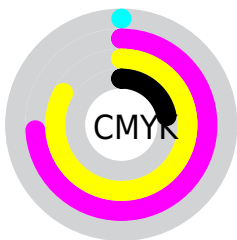
Distribution



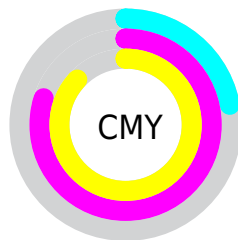
- Red (78%)
- Green (20%)
- Blue (13%)



- Red (78%)
- Yellow (21%)
- Blue (13%)



- Cyan (0%)
- Magenta (74%)
- Yellow (83%)
- Black (22%)



- Cyan (22%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C63421 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 C63421 by changing the saturation by 10% instead.

 C63421

 C63421

FFFFFF

 A60F09

 FF6D50

 880000

 FF8969

 690000

 FFA582

 4B0001

 FFC19D

 2E0002

 FFDEB8

 000000

 FFFCD4

 FFFFF0

 C63421

 C63421

 C6220D

 C64635

 C61700

 C65749

 C6695C

 C67A70

 C68C84

 C69D98

 C6AFAC

 C6C0BF

 C6D2D3

Harmonies

Analogous

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



D2085C



C63421



A45700

Triad

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



C63421



00813C



006DE4

Complementary

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



C63421



21B3C6

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.



007DDC



C63421



00847B

Square

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



C63421



2A7B00



0083B5



7F50CA

Rectangle

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



C63421



846700



0083B5



0074E5

Sweetspot

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



C63421



FFC7BF



C621B6



805E59



000000



808080

Same Dimension

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



C63421



FF1D00



C68421



635B5A



A31300



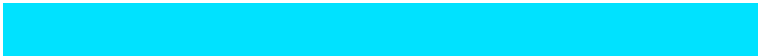
240400

Inverse Universe

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



21B3C6



00E2FF



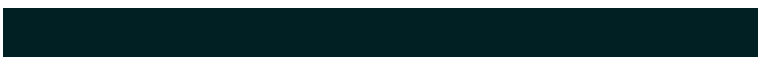
2163C6



5A6263



0090A3



002024

Previews

White Background



This preview shows how the Hex color C63421 looks on a white background.

Color Contrast Check

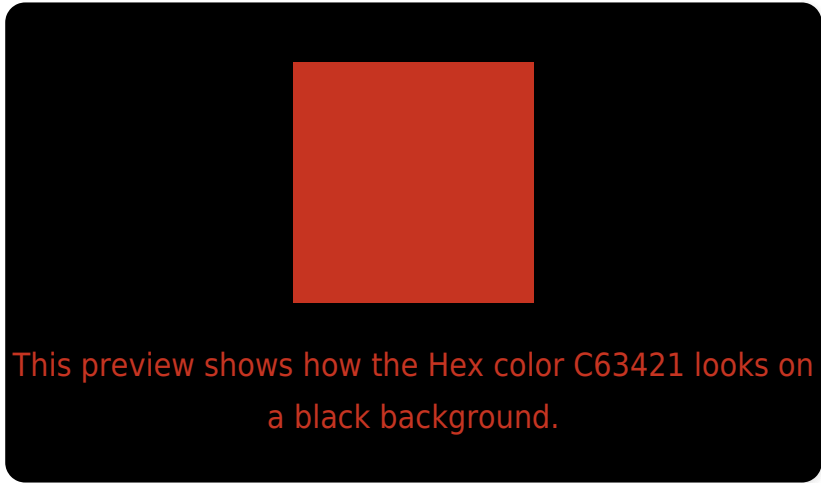
Large Text (above 18pt) WCAG AA ✓ Pass

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 C63421 Background



This preview shows how black text looks on a background with the Hex color C63421.



This preview shows how white text looks on a background with the Hex color C63421.

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
C63421

Protanopia
776C2F

Deuteranopia
88660F

Trichromacy



Original Color
C63421

Protanomaly
94582A

Deuteranomaly
9F5416

Tritanomaly
C6332C

Monochromacy



Original Color
C63421

Achromatopsia
5D5D5D

Achromatomaly
834E47

CSS Examples

Text

The CSS property to change the color of the text to Hex C63421 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 #C63421 looks like.

```
.text, #text, p{  
    color:#C63421  
}
```

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 #C63421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C63421
}
```

Border

The CSS property to change the border of an element to Hex C63421 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".

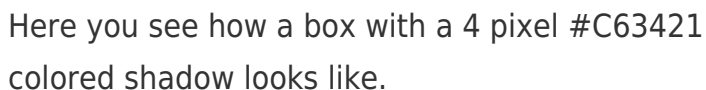
```
.border, #border, table{ border:4px solid
#C63421 }
```

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

```
.border{ border-color:#C63421 }
```

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

Here you see how a box with a 4 pixel #C63421 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C63421; -webkit-box-shadow:4px 4px  
4px 4px #C63421; box-shadow:4px 4px 4px  
4px #C63421 }
```

Background

The CSS property to change the background color of an element to Hex C63421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C63421 }
```

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

```
.background{ background-color:#C63421 }
```

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