

Converting Colors

Hex(C74E3C)

Have a look what the booklet for
Hex(C74E3C) contains.

Hex(C74E3C)	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(C74E3C)

Conversions

Conversions Part 1

Format	Color
Hex	C74E3C
RGB	199, 78, 60
RGB Percent	78%, 31%, 24%
CMY	0.2196, 0.6941, 0.7647
CMYK	0.00, 0.61, 0.70, 0.22
HSL	8°, 55%, 51%
HSV	8°, 70%, 78%
XYZ	27.0932, 17.9171, 6.3053
YIQ	112.1270, 77.8940, 20.0540

Conversions

Conversions Part 2

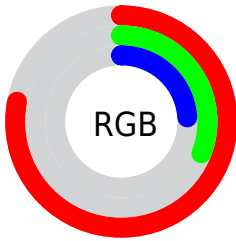
Format	Color
R_{YB}	199, 81, 60
Decimal	13061692
CIE _{Lab}	49.40, 47.18, 35.37
CIE _{LCh}	49, 58.972, 36.858
Yxy	17.9171, 0.5280, 0.3492
Android (android.graphics.Color)	4291251772 (0xFFC74E3C)
YUV	112.1270, -25.6986, 76.1876
Hunter-Lab	42.3286, 40.1769, 20.7981

Details

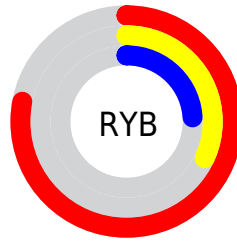
The Hex color **C74E3C** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3CB5C7**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF836C**, and **8A1510** is the 20% darker color. If you saturate the color by 10%, you get **C73D28**, and if you desaturate by 10%, it is **C75F50**.

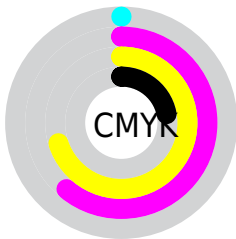
Distribution



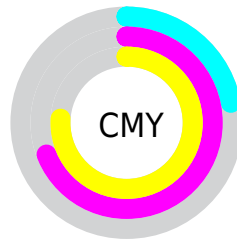
- Red (78%)
- Green (31%)
- Blue (24%)



- Red (78%)
- Yellow (32%)
- Blue (24%)



- Cyan (0%)
- Magenta (61%)
- Yellow (70%)
- Black (22%)



- Cyan (22%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color C74E3C 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 C74E3C by changing the saturation by 10% instead.

 C74E3C

 C74E3C

FFFFFF

 A83326

 FF836C

 8A1510

 FF9F86

 6D0000

 FFBBA0

 4F0000

 FFD7BB

 350002

 FFF4D7

 040000

 FFFFF3

 000000

 C74E3C

 C74E3C

 C73D28

 C75F50

 C72B14

 C77164

 C71A00

 C78278

 C7938C

 C7A5A0

 C7B6B3

 C7C7C7

 C7D9DB

 C7EAEF

Harmonies

Analogous

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



CE416C



C74E3C



AC640E

Triad

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



C74E3C



008A4C



0078D9

Complementary

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



C74E3C



3CB5C7

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.



0085D1



C74E3C



008C80

Square

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



C74E3C



4D831A



008BB0



8563C6

Rectangle

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



C74E3C



917100



008BB0



007DDA

Sweetspot

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



C74E3C



FFD0C9



C73CB7



806460



000000



808080

Same Dimension

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



C74E3C



FF4529



C7923C



635B5A



A31500



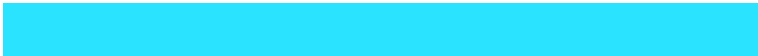
240500

Inverse Universe

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



3CB5C7



29E3FF



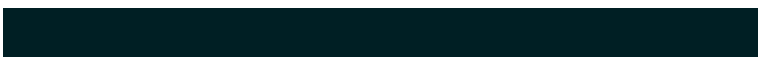
3C71C7



5A6263



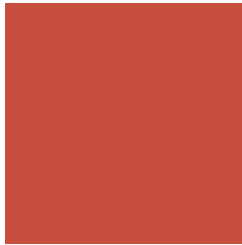
008EA3



001F24

Previews

White Background



This preview shows how the Hex color C74E3C looks on a white background.

Color Contrast Check

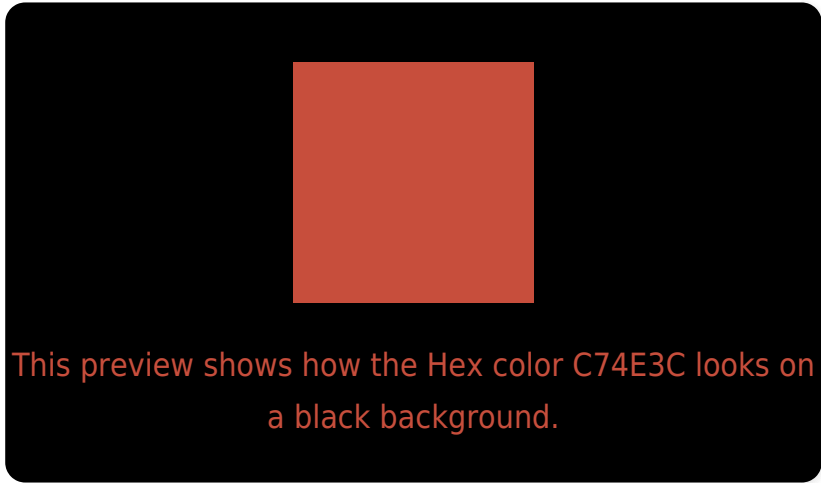
Large Text (above 18pt) WCAG AA ✓ Pass

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

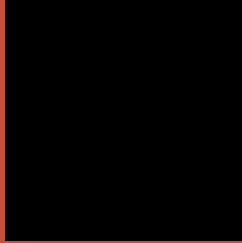
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C74E3C Background



This preview shows how black text looks on a background with the Hex color C74E3C.



This preview shows how white text looks on a background with the Hex color C74E3C.

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
C74E3C

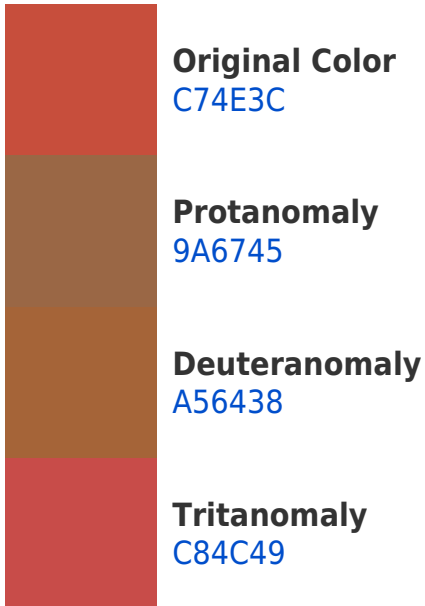
Protanopia
81764A

Deuteranopia
927035

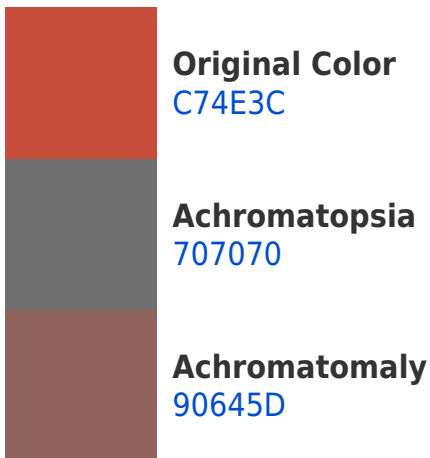


Tritanopia
C84B50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C74E3C 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 #C74E3C looks like.

```
.text, #text, p{  
    color:#C74E3C  
}
```

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 #C74E3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C74E3C
}
```

Border

The CSS property to change the border of an element to Hex C74E3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

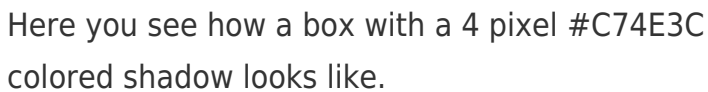
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C74E3C }
```

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

```
.border{ border-color:#C74E3C }
```

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



Here you see how a box with a 4 pixel `#C74E3C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C74E3C; -webkit-box-shadow:4px 4px  
4px 4px #C74E3C; box-shadow:4px 4px 4px  
4px #C74E3C }
```

Background

The CSS property to change the background color of an element to Hex C74E3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C74E3C }
```

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

```
.background{ background-color:#C74E3C }
```

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