

# Converting Colors

Hex(C5402E)

Have a look what the booklet for  
Hex(C5402E) contains.

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**Color**

**Hex(C5402E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5402E
RGB	197, 64, 46
RGB Percent	77%, 25%, 18%
CMY	0.2275, 0.7490, 0.8196
CMYK	0.00, 0.68, 0.77, 0.23
HSL	7°, 62%, 48%
HSV	7°, 77%, 77%
XYZ	25.3525, 15.7344, 4.2856
YIQ	101.7150, 85.0460, 22.5980

# Conversions

## Conversions Part 2

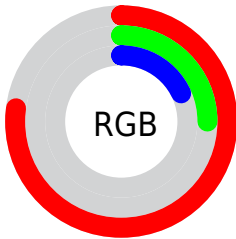
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 66, 46
Decimal	12927022
CIE <sub>Lab</sub>	46.62, 51.93, 39.94
CIE <sub>LCh</sub>	47, 65.510, 37.566
Yxy	15.7344, 0.5588, 0.3468
Android (android.graphics.Color)	4291117102 (0xFFC5402E)
YUV	101.7150, -27.4675, 83.5649
Hunter-Lab	39.6666, 44.6700, 21.3609

# Details

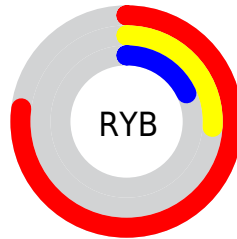
The Hex color **C5402E** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2EB3C5**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF775D**, and **870000** is the 20% darker color. If you saturate the color by 10%, you get **C52F1A**, and if you desaturate by 10%, it is **C55142**.

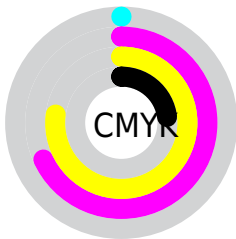
# Distribution



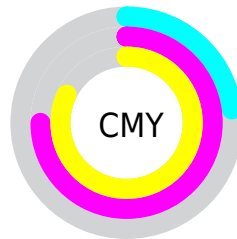
- Red (77%)
- Green (25%)
- Blue (18%)



- Red (77%)
- Yellow (26%)
- Blue (18%)



- Cyan (0%)
- Magenta (68%)
- Yellow (77%)
- Black (23%)



- Cyan (23%)
- Magenta (75%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5402E 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 C5402E by changing the saturation by 10% instead.



 C5402E

 C5402E

FFFFFF

 A62218

 FF775D

 870000

 FF9276

 690000

 FFAE90

 4B0000

 FFCBAB

 300002

 FFE8C6

 000000

 FFFF E3

 C5402E

 C5402E

 C52F1A

 C55142

 C51D07

 C56355

 C51700

 C57469

 C5857D

 C59791

 C5A8A4

 C5B9B8

 C5CBCC

 C5DCDF

# Harmonies

## Analogous

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



CE2B63



C5402E



A65C00

# Triad

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



C5402E



008442



0071DD

# Complementary

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



C5402E



2EB3C5

# 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.



007FD5



C5402E



00877B

# Square

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



C5402E



3D7D00



0086B1



7F59C7

# Rectangle

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



C5402E



8A6B00



0086B1



0077DD



# Sweetspot

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



C5402E



FFCBC4



C52EB3



80605C



000000



808080



# Same Dimension

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



C5402E



FF3014



C58B2E



635B5A



A31300



240400

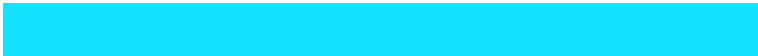


# Inverse Universe

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



2EB3C5



14E3FF



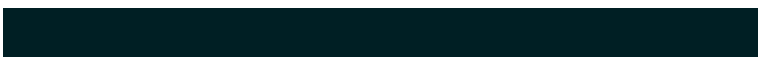
2E68C5



5A6263



0090A3



001F24



# Previews

## White Background



This preview shows how the Hex color C5402E looks on a white background.

## Color Contrast Check

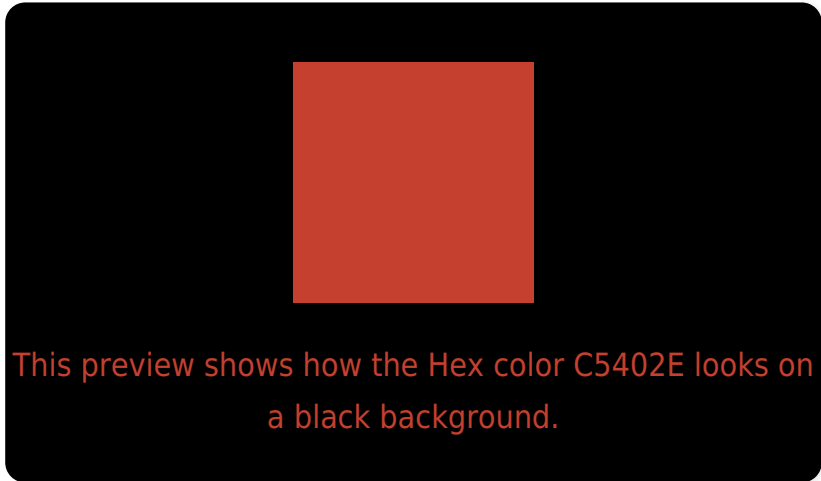
Large Text (above 18pt) WCAG AA ✓ Pass

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 C5402E Background



This preview shows how black text looks on a background with the Hex color C5402E.



This preview shows how white text looks on a background with the Hex color C5402E.

# 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**  
C5402E

**Protanopia**  
7A6F3C

**Deuteranopia**  
8B6A24



**Tritanopia**  
C63E41

# Trichromacy



**Original Color**  
C5402E

**Protanomaly**  
955E37

**Deuteranomaly**  
A05B28

**Tritanomaly**  
C63F3A

# Monochromacy



**Original Color**  
C5402E

**Achromatopsia**  
666666

**Achromatomaly**  
895852

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5402E 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 #C5402E looks like.

```
.text, #text, p{  
    color:#C5402E  
}
```

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 #C5402E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5402E
}
```

## Border

The CSS property to change the border of an element to Hex C5402E is called "border". The border property can be set on classes, ids or directly on the HTML element.

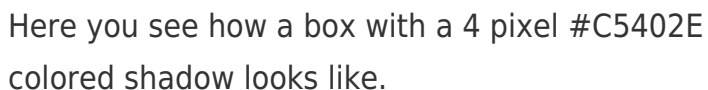
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C5402E }
```

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

```
.border{ border-color:#C5402E }
```

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



Here you see how a box with a 4 pixel `#C5402E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5402E; -webkit-box-shadow:4px 4px  
4px 4px #C5402E; box-shadow:4px 4px 4px  
4px #C5402E }
```

# Background

The CSS property to change the background color of an element to Hex C5402E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5402E }
```

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

```
.background{ background-color:#C5402E }
```

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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