

# Converting Colors

Hex(C5362C)

Have a look what the booklet for  
Hex(C5362C) contains.

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# Color

Hex(C5362C)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | C5362C                    |
| RGB           | 197, 54, 44               |
| RGB Percent   | 77%, 21%, 17%             |
| CMY           | 0.2275, 0.7882, 0.8275    |
| CMYK          | 0.00, 0.73, 0.78, 0.23    |
| HSL           | 4°, 63%, 47%              |
| HSV           | 4°, 78%, 77%              |
| XYZ           | 24.7997, 14.6905, 3.9113  |
| YIQ           | 95.6170, 88.4380, 27.2060 |

# Conversions

## Conversions Part 2

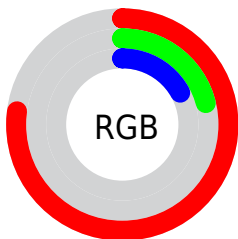
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 197, 55, 44                   |
| Decimal                             | 12924460                      |
| CIELab                              | 45.21, 55.68, 39.54           |
| CIELCh                              | 45, 68.288, 35.380            |
| Yxy                                 | 14.6905, 0.5714,<br>0.3385    |
| Android<br>(android.graphics.Color) | 4291114540<br>(0xFFC5362C)    |
| YUV                                 | 95.6170, -25.4472,<br>88.9129 |
| Hunter-Lab                          | 38.3282, 48.4217,<br>20.7793  |

# Details

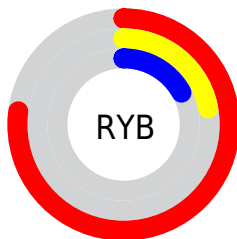
The Hex color **C5362C** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2CBBC5**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6E5B**, and **870000** is the 20% darker color. If you saturate the color by 10%, you get **C52418**, and if you desaturate by 10%, it is **C54840**.

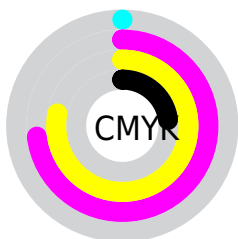
# Distribution



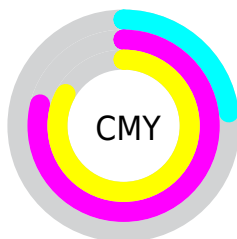
- Red (77%)
- Green (21%)
- Blue (17%)



- Red (77%)
- Yellow (22%)
- Blue (17%)



- Cyan (0%)
- Magenta (73%)
- Yellow (78%)
- Black (23%)



- Cyan (23%)
- Magenta (79%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5362C 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 C5362C by changing the saturation by 10% instead.



 C5362C

 C5362C

FFFFFF

 A61316

 FF6E5B

 870000

 FF8A74

 680000

 FFA68E

 4B0001

 FFC3A8

 2E0002

 FFE0C4

 000000

 FFFDE0

 FFFFFC

 C5362C

 C5362C

 C52418

 C54840

 C51105

 C55B53

 C50D00

 C56D67

 C5807B

 C5928F

 C5A4A2

 C5B7B6

 C5C9CA

 C5DCDD

# Harmonies

## Analogous

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



CD1C63



C5362C



A65600

# Triad

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



C5362C



008038



006FDE

# Complementary

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



C5362C



2CBBC5

# 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.



007DD3



C5362C



008374

# Square

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



C5362C



3B7A00



0083AC



7556C9

# Rectangle

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



C5362C



896600



0083AC



0075DE



# Sweetspot

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



C5362C



FFC8C4



C52CBD



805E5C



000000



808080



# Same Dimension

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



C5362C



FF2112



C5802C



635A5A



A30B00



240200



# Inverse Universe

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



2CBBC5



12F0FF



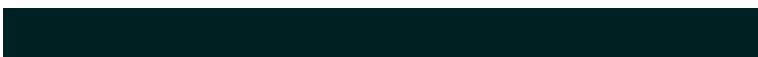
2C71C5



5A6363



0099A3



002124



# Previews

## White Background



This preview shows how the Hex color C5362C looks on a white background.

## Color Contrast Check

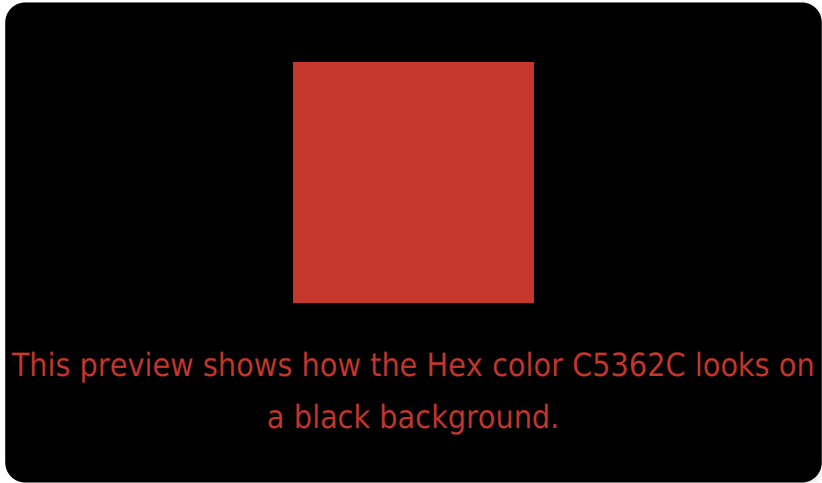
Large Text (above 18pt) WCAG AA ✓ Pass

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 C5362C Background



This preview shows how black text looks on a background with the Hex color C5362C.



This preview shows how white text looks on a background with the Hex color C5362C.

# 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**  
C5362C

**Protanopia**  
766C3C

**Deuteranopia**  
876621



**Tritanopia**  
C53537

# Trichromacy



**Original Color**  
C5362C

**Protanomaly**  
935836

**Deuteranomaly**  
9E5525

**Tritanomaly**  
C53533

# Monochromacy



**Original Color**  
C5362C

**Achromatopsia**  
606060

**Achromatomaly**  
85514D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5362C 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 #C5362C looks like.

```
.text, #text, p{  
    color:#C5362C  
}
```

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 #C5362C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5362C
}
```

## Border

The CSS property to change the border of an element to Hex C5362C is called "border". The border property can be set on classes, ids or directly on the HTML element.

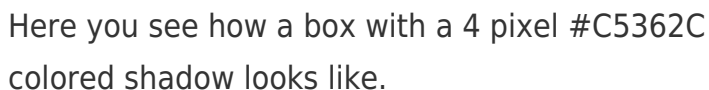
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C5362C }
```

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

```
.border{ border-color:#C5362C }
```

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



Here you see how a box with a 4 pixel `#C5362C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5362C; -webkit-box-shadow:4px 4px  
4px 4px #C5362C; box-shadow:4px 4px 4px  
4px #C5362C }
```

# Background

The CSS property to change the background color of an element to Hex C5362C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5362C }
```

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

```
.background{ background-color:#C5362C }
```

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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