

# Converting Colors

Hex(5C402A)

Have a look what the booklet for  
Hex(5C402A) contains.

<b>Hex(5C402A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(5C402A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C402A
RGB	92, 64, 42
RGB Percent	36%, 25%, 16%
CMY	0.6392, 0.7490, 0.8353
CMYK	0.00, 0.30, 0.54, 0.64
HSL	26°, 37%, 26%
HSV	26°, 54%, 36%
XYZ	6.6649, 6.1093, 3.0184
YIQ	69.8640, 23.7500, -0.9060

# Conversions

## Conversions Part 2

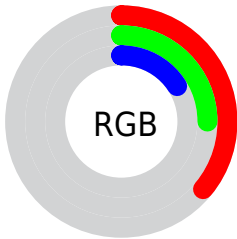
Format	Color
<b>RYB</b>	92, 81, 42
Decimal	6045738
CIELab	29.69, 9.26, 18.24
CIElCh	30, 20.456, 63.084
Yxy	6.1093, 0.4220, 0.3868
Android (android.graphics.Color)	4284235818 (0xFF5C402A)
YUV	69.8640, -13.7370, 19.4133
Hunter-Lab	24.7169, 4.8781, 10.0614

# Details

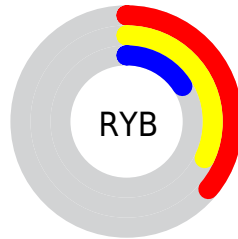
The Hex color **5C402A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A465C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **907058**, and **2D1500** is the 20% darker color. If you saturate the color by 10%, you get **5C3B21**, and if you desaturate by 10%, it is **5C4533**.

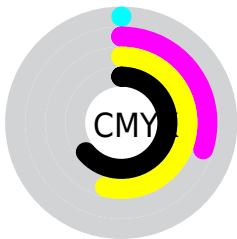
# Distribution



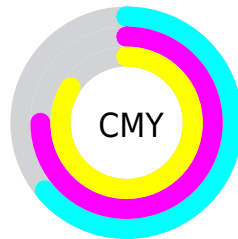
- Red (36%)
- Green (25%)
- Blue (16%)



- Red (36%)
- Yellow (32%)
- Blue (16%)



- Cyan (0%)
- Magenta (30%)
- Yellow (54%)
- Black (64%)



- Cyan (64%)
- Magenta (75%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C402A 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 5C402A by changing the saturation by 10% instead.



 5C402A

 5C402A

FFFFFF

 432A15

 907058

 2D1500

 AB8970

 120000

 C7A38A

 000000

 E3BFA4

 FFDABF

 FFF7DB

 FFFFF8

 5C402A

 5C402A

■ 5C3B21

■ 5C4533

■ 5C3618

■ 5C4A3C

■ 5C310E

■ 5C4F46

■ 5C2B05

■ 5C554F

■ 5C2800

■ 5C5A58

■ 5C5F61

■ 5C646A

■ 5C6974

■ 5C6E7D

# Harmonies

## Analogous

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



643B35



5C402A



4F4626

# Triad

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



5C402A



144E47



4A4161

# Complementary

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



5C402A



2A465C

# 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.



314765



5C402A



004E57

# Square

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



5C402A



2B4D37



144B62



5B3C55

# Rectangle

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



5C402A



444928



144B62



424363



# Sweetspot

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



5C402A



786D65



5C2A46



3D3732



BDBDBD



3D3D3D



# Same Dimension

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



5C402A



784C2A



5C592A



2E2B29



6E3000



ED6800



# Inverse Universe

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



2A465C



2A5678



2A2D5C



292C2E



003D6E



0085ED



# Previews

## White Background



This preview shows how the Hex color 5C402A 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 5C402A Background



This preview shows how black text looks on a background with the Hex color 5C402A.

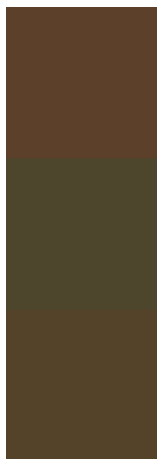


This preview shows how white text looks on a background with the Hex color 5C402A.

# 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**  
5C402A

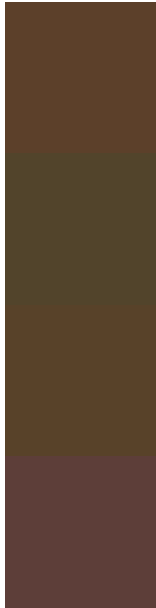
**Protanopia**  
4D462C

**Deuteranopia**  
554329



**Tritanopia**  
5E3D42

# Trichromacy



**Original Color**  
5C402A

**Protanomaly**  
52442B

**Deuteranomaly**  
584229

**Tritanomaly**  
5D3E39

# Monochromacy



**Original Color**  
5C402A

**Achromatopsia**  
464646

**Achromatomaly**  
4E443C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C402A 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 #5C402A looks like.

```
.text, #text, p{  
    color:#5C402A  
}
```

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 #5C402A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C402A
}
```

## Border

The CSS property to change the border of an element to Hex 5C402A is called "border". The border property can be set on classes, ids or directly on the HTML element.

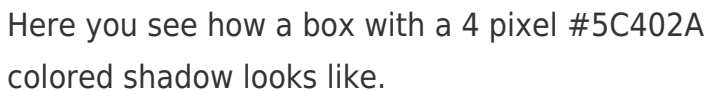
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C402A }
```

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

```
.border{ border-color:#5C402A }
```

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



Here you see how a box with a 4 pixel #5C402A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C402A; -webkit-box-shadow:4px 4px  
4px 4px #5C402A; box-shadow:4px 4px 4px  
4px #5C402A }
```

# Background

The CSS property to change the background color of an element to Hex 5C402A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C402A }
```

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

```
.background{ background-color:#5C402A }
```

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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