

# Converting Colors

Hex(58502C)

Have a look what the booklet for  
Hex(58502C) contains.

<b>Hex(58502C)</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(58502C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58502C
RGB	88, 80, 44
RGB Percent	35%, 31%, 17%
CMY	0.6549, 0.6863, 0.8275
CMYK	0.00, 0.09, 0.50, 0.65
HSL	49°, 33%, 26%
HSV	49°, 50%, 35%
XYZ	7.3478, 7.9939, 3.5386
YIQ	78.2880, 16.3240, -9.5000

# Conversions

## Conversions Part 2

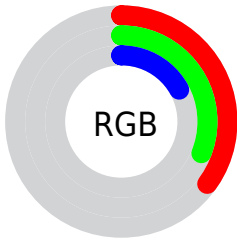
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 88, 44
Decimal	5787692
CIE Lab	33.97, -2.39, 22.33
CIE LCh	34, 22.459, 96.109
Yxy	7.9939, 0.3892, 0.4234
Android (android.graphics.Color)	4283977772 (0xFF58502C)
YUV	78.2880, -16.9040, 8.5174
Hunter-Lab	28.2734, -3.0894, 12.3709

# Details

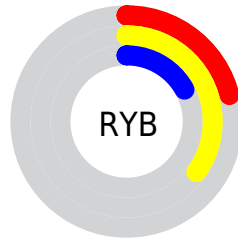
The Hex color **58502C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2C3458**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8B815A**, and **2A2400** is the 20% darker color. If you saturate the color by 10%, you get **584E23**, and if you desaturate by 10%, it is **585235**.

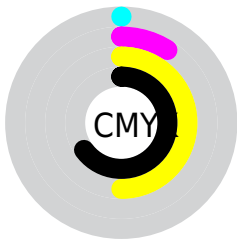
# Distribution



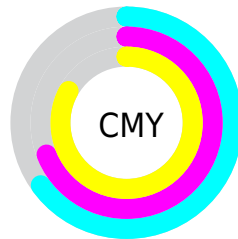
- Red (35%)
- Green (31%)
- Blue (17%)



- Red (21%)
- Yellow (35%)
- Blue (17%)



- Cyan (0%)
- Magenta (9%)
- Yellow (50%)
- Black (65%)



- Cyan (65%)
- Magenta (69%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58502C 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 58502C by changing the saturation by 10% instead.



 58502C

 58502C

FFFFFF

 403916

 8B815A

 2A2400

 A69B73

 0F0F00

 C1B68D

 000000

 DDD1A7

 FAEEC3

 FFFFDF

 FFFFFB

 58502C

 58502C

■ 584E23

■ 585235

■ 584D1A

■ 58533E

■ 584B12

■ 585546

■ 584A09

■ 58564F

■ 584800

■ 585858

■ 585A61

■ 585B6A

■ 585D72

■ 585E7B

# Harmonies

## Analogous

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



674A30



58502C



455532

# Triad

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



58502C



005964



69445F

# Complementary

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



58502C



2C3458

# 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.



574A6D



58502C



1B5670

# Square

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



58502C



155953



3C5073



72424D

# Rectangle

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



58502C



37573B



3C5073



644664



# Sweetspot

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



58502C



737062



582C34



3B3930



BABABA



3B3B3B



# Same Dimension

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



58502C



73662E



4A582C



2B2B27



6B5800



EBC000



# Inverse Universe

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



2C3458



2E3A73



3A2C58



27282B



00136B



002BEB



# Previews

## White Background



This preview shows how the Hex color 58502C looks on a white background.

## Color Contrast Check

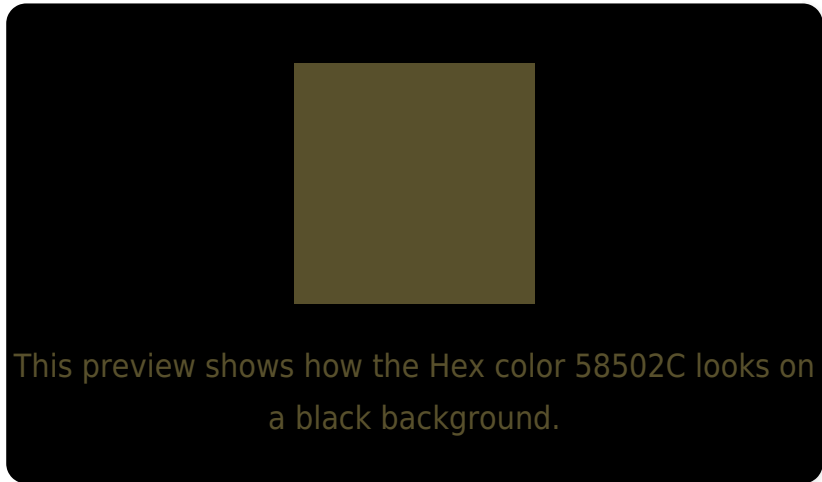
Large Text (above 18pt) WCAG AA ✓ Pass

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

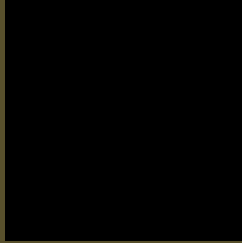
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 58502C Background



This preview shows how black text looks on a background with the Hex color 58502C.



This preview shows how white text looks on a background with the Hex color 58502C.

# 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**  
58502C

**Protanopia**  
58502C

**Deuteranopia**  
624C2D



**Tritanopia**  
5C4C52

# Trichromacy



**Original Color**  
58502C

**Protanomaly**  
58502C

**Deuteranomaly**  
5E4D2D

**Tritanomaly**  
5B4D44

# Monochromacy



**Original Color**  
58502C

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
524F42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58502C 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 #58502C looks like.

```
.text, #text, p{  
    color:#58502C  
}
```

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 #58502C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58502C
}
```

## Border

The CSS property to change the border of an element to Hex 58502C is called "border". The border property can be set on classes, ids or directly on the HTML element.

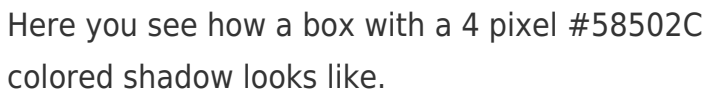
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58502C }
```

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

```
.border{ border-color:#58502C }
```

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



Here you see how a box with a 4 pixel #58502C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58502C; -webkit-box-shadow:4px 4px  
4px 4px #58502C; box-shadow:4px 4px 4px  
4px #58502C }
```

# Background

The CSS property to change the background color of an element to Hex 58502C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58502C }
```

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

```
.background{ background-color:#58502C }
```

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