

# Converting Colors

Hex(5C4822)

Have a look what the booklet for  
Hex(5C4822) contains.

<b>Hex(5C4822)</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(5C4822)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C4822
RGB	92, 72, 34
RGB Percent	36%, 28%, 13%
CMY	0.6392, 0.7176, 0.8667
CMYK	0.00, 0.22, 0.63, 0.64
HSL	39°, 46%, 25%
HSV	39°, 63%, 36%
XYZ	7.0197, 7.0255, 2.4995
YIQ	73.6480, 24.1180, -7.5780

# Conversions

## Conversions Part 2

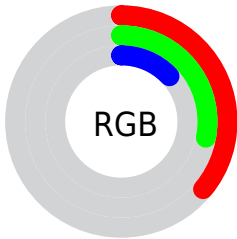
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 92, 34
Decimal	6047778
CIELab	31.86, 3.47, 25.69
CIELCh	32, 25.918, 82.316
Yxy	7.0255, 0.4243, 0.4246
Android (android.graphics.Color)	4284237858 (0xFF5C4822)
YUV	73.6480, -19.5465, 16.0947
Hunter-Lab	26.5057, 0.8886, 12.9630

# Details

The Hex color **5C4822** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **22365C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **907850**, and **2C1D00** is the 20% darker color. If you saturate the color by 10%, you get **5C4519**, and if you desaturate by 10%, it is **5C4B2B**.

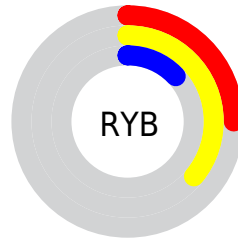
# Distribution



Red (36%)

Green (28%)

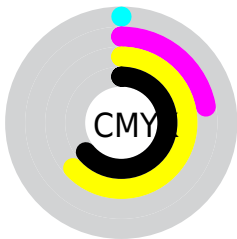
Blue (13%)



Red (25%)

Yellow (36%)

Blue (13%)

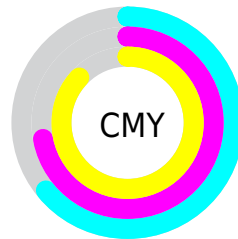


Cyan (0%)

Magenta (22%)

Yellow (63%)

Black (64%)



Cyan (64%)

Magenta (72%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C4822 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 5C4822 by changing the saturation by 10% instead.



 5C4822

 5C4822

FFFFFF

 43320C

 907850

 2C1D00

 AB9268

 120400

 C7AC82

 000000

 E4C89C

 FFE4B7

 FFFFD2

 FFFFEE

 5C4822

 5C4822

■ 5C4519

■ 5C4B2B

■ 5C4210

■ 5C4E34

■ 5C3E06

■ 5C523E

■ 5C3C00

■ 5C5547

■ 5C5850

■ 5C5B59

■ 5C5E62

■ 5C616C

■ 5C6575

# Harmonies

## Analogous

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



6B412B



5C4822



484E24

# Triad

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



5C4822



00555A



5F4064

# Complementary

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



5C4822



22365C

# 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.



454871



5C4822



00536B

# Square

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



5C4822



0C5545



1C4F73



6E3B51

# Rectangle

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



5C4822



39522C



1C4F73



584269



# Sweetspot

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



5C4822



787061



5C2236



3D382F



BDBDBD



3D3D3D



# Same Dimension

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



5C4822



78581D



535C22



2E2C29



6E4800



ED9B00



# Inverse Universe

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



22365C



1D3C78



2B225C



292B2E



00266E



0052ED



# Previews

## White Background



This preview shows how the Hex color 5C4822 looks on a white background.

## Color Contrast Check

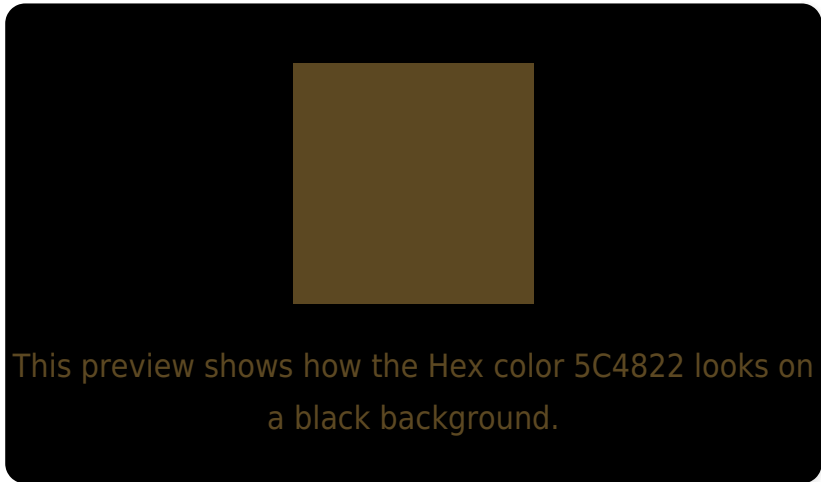
Large Text (above 18pt) WCAG AA ✓ Pass

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

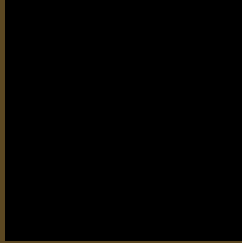
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C4822 Background



This preview shows how black text looks on a background with the Hex color 5C4822.



This preview shows how white text looks on a background with the Hex color 5C4822.

# 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**  
5C4822

**Protanopia**  
534B23

**Deuteranopia**  
5D4822



**Tritanopia**  
5F4449

# Trichromacy



**Original Color**  
5C4822

**Protanomaly**  
564A23

**Deuteranomaly**  
5D4822

**Tritanomaly**  
5E453B

# Monochromacy



**Original Color**  
5C4822

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
51493B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C4822 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 #5C4822 looks like.

```
.text, #text, p{  
    color:#5C4822  
}
```

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 #5C4822 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4822
}
```

## Border

The CSS property to change the border of an element to Hex 5C4822 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
#5C4822 }
```

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

```
.border{ border-color:#5C4822 }
```

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

Here you see how a box with a 4 pixel #5C4822 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4822; -webkit-box-shadow:4px 4px  
4px 4px #5C4822; box-shadow:4px 4px 4px  
4px #5C4822 }
```

# Background

The CSS property to change the background color of an element to Hex 5C4822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4822 }
```

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

```
.background{ background-color:#5C4822 }
```

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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