

# Converting Colors

Hex(5A4B3B)

Have a look what the booklet for  
Hex(5A4B3B) contains.

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# Color

Hex(5A4B3B)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A4B3B
RGB	90, 75, 59
RGB Percent	35%, 29%, 23%
CMY	0.6471, 0.7059, 0.7686
CMYK	0.00, 0.17, 0.34, 0.65
HSL	31°, 21%, 29%
HSV	31°, 34%, 35%
XYZ	7.5219, 7.5216, 5.1930
YIQ	77.6610, 14.0760, -1.7960

# Conversions

## Conversions Part 2

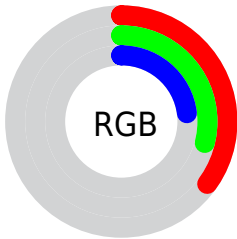
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	88, 90, 59
Decimal	5917499
CIE Lab	32.97, 3.61, 11.89
CIE LCh	33, 12.429, 73.126
Yxy	7.5216, 0.3717, 0.3717
Android (android.graphics.Color)	4284107579 (0xFF5A4B3B)
YUV	77.6610, -9.1999, 10.8213
Hunter-Lab	27.4255, 0.9623, 7.9713




# Details

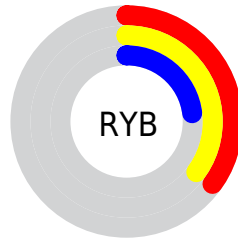
The Hex color **5A4B3B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **3B4A5A**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **8D7C6A**, and **2B1F11** is the 20% darker color. If you saturate the color by 10%, you get **5A4732**, and if you desaturate by 10%, it is **5A4F44**.

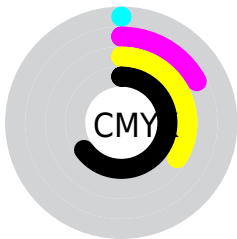
# Distribution







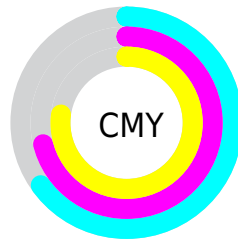
-  Red (35%)
-  Green (29%)
-  Blue (23%)






-  Red (35%)
-  Yellow (35%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (17%)
-  Yellow (34%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (71%)
-  Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A4B3B 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 5A4B3B by changing the saturation by 10% instead.





5A4B3B



5A4B3B

FFFFFF



423425



8D7C6A



2B1F11



A79584



160800



C3B09E



000000



DFCCB9



FBE8D4



FFFFFF1



5A4B3B



5A4B3B



5A4732



5A4F44

■ 5A4229

■ 5A544D

■ 5A3E20

■ 5A5856

■ 5A3A17

■ 5A5C5F

■ 5A350E

■ 5A6168

■ 5A3105

■ 5A6571

■ 5A2E00

■ 5A697A

■ 5A6E83

■ 5A728C

# Harmonies

## Analogous

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



604841



5A4B3B



504E3A

# Triad

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



5A4B3B



335352



544A5C

# Complementary

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



5A4B3B



3B4A5A

# 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.



484D60



5A4B3B



33525B

# Square

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



5A4B3B



3B5348



3B5060



5E4753

# Rectangle

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



5A4B3B



49503D



3B5060



514B5E



# Sweetspot

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



5A4B3B



75706A



5A3B4B



3B3734



BABABA



3B3B3B



# Same Dimension

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



5A4B3B



755E45



5A5A3B



2E2C29



6E3900



ED7A00



# Inverse Universe

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



3B4A5A



455C75



3B3B5A



292C2E



00356E

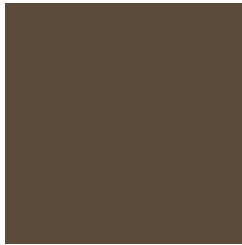


0073ED



# Previews

## White Background



This preview shows how the Hex color 5A4B3B looks on a white background.

## Color Contrast Check

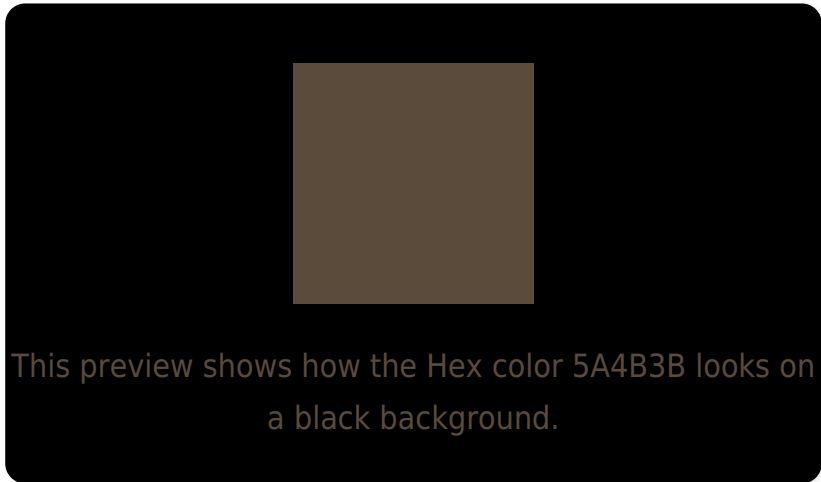
Large Text (above 18pt) WCAG AA ✓ Pass

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

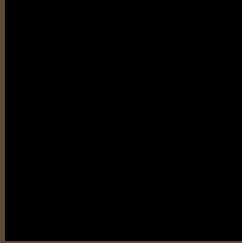
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A4B3B Background



This preview shows how black text looks on a background with the Hex color 5A4B3B.

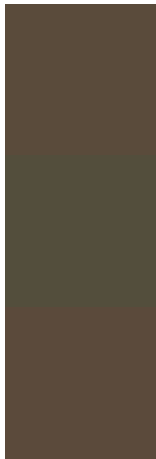


This preview shows how white text looks on a background with the Hex color 5A4B3B.

# 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**  
5A4B3B

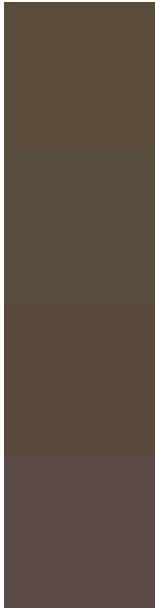
**Protanopia**  
534E3C

**Deuteranopia**  
5B4A3B



**Tritanopia**  
5C484E

# Trichromacy



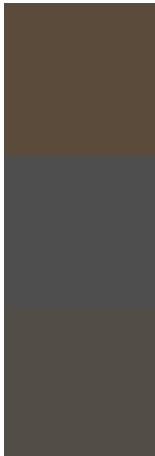
**Original Color**  
5A4B3B

**Protanomaly**  
564D3C

**Deuteranomaly**  
5B4A3B

**Tritanomaly**  
5B4947

# Monochromacy



**Original Color**  
5A4B3B

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
524D47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A4B3B 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 #5A4B3B looks like.

```
.text, #text, p{  
    color:#5A4B3B  
}
```

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 #5A4B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4B3B  
}
```

## Border

The CSS property to change the border of an element to Hex 5A4B3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

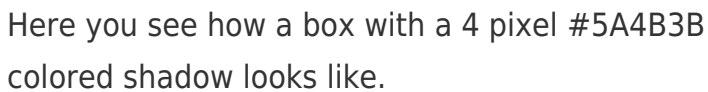
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5A4B3B }
```

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

```
.border{ border-color:#5A4B3B }
```

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



Here you see how a box with a 4 pixel #5A4B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4B3B; -webkit-box-shadow:4px 4px  
4px 4px #5A4B3B; box-shadow:4px 4px 4px  
4px #5A4B3B }
```

# Background

The CSS property to change the background color of an element to Hex 5A4B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4B3B }
```

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

```
.background{ background-color:#5A4B3B }
```

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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