

Converting Colors

Hex(5A4A3B)

Have a look what the booklet for
Hex(5A4A3B) contains.

Hex(5A4A3B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A4A3B)

Conversions

Conversions Part 1

Format	Color
Hex	5A4A3B
RGB	90, 74, 59
RGB Percent	35%, 29%, 23%
CMY	0.6471, 0.7098, 0.7686
CMYK	0.00, 0.18, 0.34, 0.65
HSL	29°, 21%, 29%
HSV	29°, 34%, 35%
XYZ	7.4546, 7.3870, 5.1706
YIQ	77.0740, 14.3510, -1.2730

Conversions

Conversions Part 2

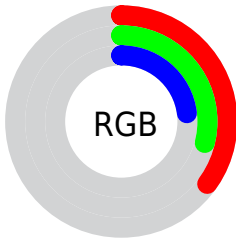
Format	Color
RYB	90, 88, 59
Decimal	5917243
CIELab	32.67, 4.23, 11.49
CIELCh	33, 12.247, 69.783
Yxy	7.3870, 0.3725, 0.3691
Android (android.graphics.Color)	4284107323 (0xFF5A4A3B)
YUV	77.0740, -8.9105, 11.3361
Hunter-Lab	27.1790, 1.3956, 7.7458

Details

The Hex color **5A4A3B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **3B4B5A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8D7B6A**, and **2B1E11** is the 20% darker color. If you saturate the color by 10%, you get **5A4532**, and if you desaturate by 10%, it is **5A4F44**.

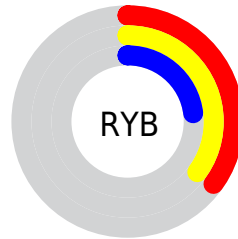
Distribution



Red (35%)

Green (29%)

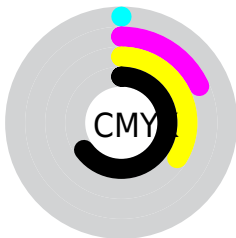
Blue (23%)



Red (35%)

Yellow (35%)

Blue (23%)

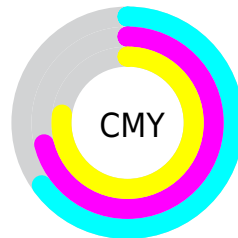


Cyan (0%)

Magenta (18%)

Yellow (34%)

Black (65%)



Cyan (65%)

Magenta (71%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4A3B 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 5A4A3B by changing the saturation by 10% instead.



5A4A3B



5A4A3B

FFFFFF



423325



8D7B6A



2B1E11



A79483



160600



C3AF9E



000000



DFCAB9



FBE6D4



FFFFFF1



5A4A3B



5A4A3B



5A4532



5A4F44

■ 5A4129

■ 5A534D

■ 5A3C20

■ 5A5856

■ 5A3717

■ 5A5D5F

■ 5A330E

■ 5A6168

■ 5A2E05

■ 5A6671

■ 5A2C00

■ 5A6B7A

■ 5A6F83

■ 5A748C

Harmonies

Analogous

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



604741



5A4A3B



514D3A

Triad

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



5A4A3B



345250



52495C

Complementary

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



5A4A3B



3B4B5A

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.



464D60



5A4A3B



325259

Square

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



5A4A3B



3B5246



39505F



5C4754

Rectangle

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



5A4A3B



4A4F3C



39505F



4E4A5E

Sweetspot

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



5A4A3B



756F6A



5A3B4B



3B3734



BABABA



3B3B3B

Same Dimension

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



5A4A3B



755C45



5A593B



2E2C29



6E3500



ED7300

Inverse Universe

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



3B4B5A



455E75



3B3C5A



292C2E



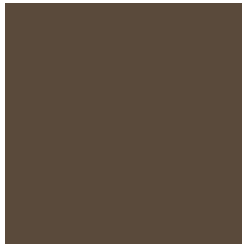
00396E



007AED

Previews

White Background



This preview shows how the Hex color 5A4A3B looks on a white background.

Color Contrast Check

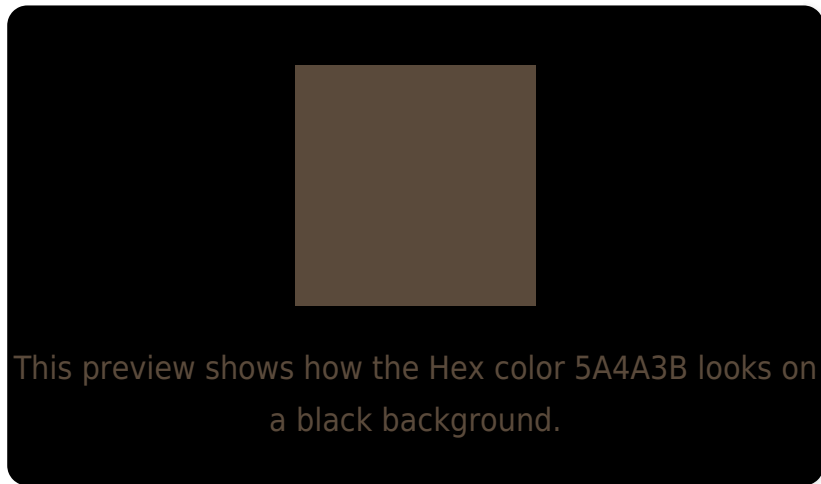
Large Text (above 18pt) WCAG AA ✓ Pass

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

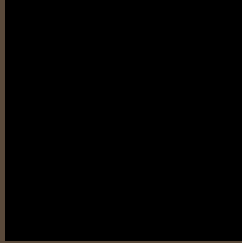
Any Text WCAG AA × Fail

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 5A4A3B Background



This preview shows how black text looks on a background with the Hex color 5A4A3B.

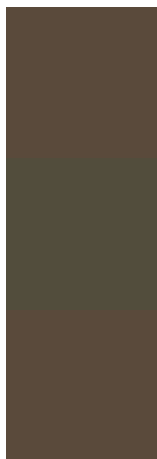


This preview shows how white text looks on a background with the Hex color 5A4A3B.

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

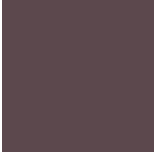
5A4A3B

Protanopia

524D3C

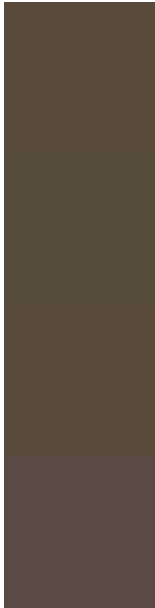
Deuteranopia

5A4A3B



Tritanopia
5C484D

Trichromacy



Original Color

5A4A3B

Protanomaly

554C3C

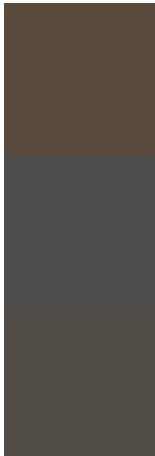
Deuteranomaly

5A4A3B

Tritanomaly

5B4946

Monochromacy



Original Color

5A4A3B

Achromatopsia

4D4D4D

Achromatomaly

524C46

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4A3B 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 #5A4A3B looks like.

```
.text, #text, p{  
    color:#5A4A3B  
}
```

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 #5A4A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4A3B
}
```

Border

The CSS property to change the border of an element to Hex 5A4A3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

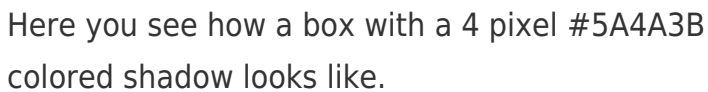
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A4A3B }
```

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

```
.border{ border-color:#5A4A3B }
```

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



Here you see how a box with a 4 pixel #5A4A3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4A3B; -webkit-box-shadow:4px 4px  
4px 4px #5A4A3B; box-shadow:4px 4px 4px  
4px #5A4A3B }
```

Background

The CSS property to change the background color of an element to Hex 5A4A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4A3B }
```

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

```
.background{ background-color:#5A4A3B }
```

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