

Converting Colors

Hex(5A4A32)

Have a look what the booklet for
Hex(5A4A32) contains.

Hex(5A4A32)	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(5A4A32)

Conversions

Conversions Part 1

Format	Color
Hex	5A4A32
RGB	90, 74, 50
RGB Percent	35%, 29%, 20%
CMY	0.6471, 0.7098, 0.8039
CMYK	0.00, 0.18, 0.44, 0.65
HSL	36°, 29%, 27%
HSV	36°, 44%, 35%
XYZ	7.2410, 7.3015, 4.0453
YIQ	76.0480, 17.2400, -4.0720

Conversions

Conversions Part 2

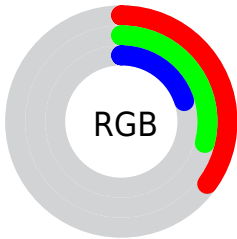
Format	Color
RYB	77, 90, 50
Decimal	5917234
CIELab	32.48, 2.98, 16.86
CIElCh	32, 17.118, 79.976
Yxy	7.3015, 0.3896, 0.3928
Android (android.graphics.Color)	4284107314 (0xFF5A4A32)
YUV	76.0480, -12.8417, 12.2359
Hunter-Lab	27.0213, 0.5457, 10.0387

Details

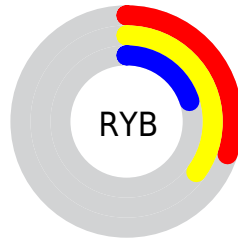
The Hex color **5A4A32** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **32425A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8D7B61**, and **2B1E04** is the 20% darker color. If you saturate the color by 10%, you get **5A4629**, and if you desaturate by 10%, it is **5A4E3B**.

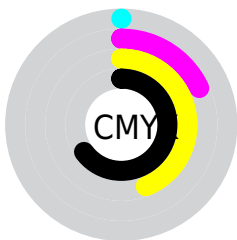
Distribution



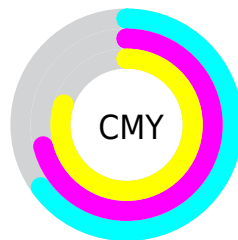
- Red (35%)
- Green (29%)
- Blue (20%)



- Red (30%)
- Yellow (35%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (44%)
- Black (65%)



- Cyan (65%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4A32 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 5A4A32 by changing the saturation by 10% instead.



5A4A32



5A4A32

FFFFFF



42331D



8D7B61



2B1E04



A89479



130600



C3AF93



000000



DFCAAE



FCE6C9



FFFFE5



5A4A32



5A4A32



5A4629



5A4E3B

■ 5A4320

■ 5A5144

■ 5A3F17

■ 5A554D

■ 5A3C0E

■ 5A5856

■ 5A3805

■ 5A5C5F

■ 5A3600

■ 5A6068

■ 5A6371

■ 5A677A

■ 5A6A83

Harmonies

Analogous

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



644638



5A4A32



4D4E33

Triad

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



5A4A32



225455



59465E

Complementary

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



5A4A32



32425A

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.



484B66



5A4A32



245261

Square

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



5A4A32



2E5447



344F67



644352

Rectangle

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



5A4A32



425137



344F67



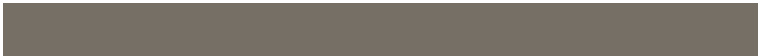
544761

Sweetspot

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



5A4A32



756F66



5A3242



3B3731



BABABA



3B3B3B

Same Dimension

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



5A4A32



755C37



565A32



2E2C29



6E4200



ED8E00

Inverse Universe

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



32425A



375075



36325A



292B2E



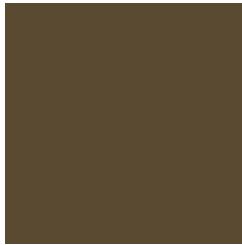
002C6E



005FED

Previews

White Background



This preview shows how the Hex color 5A4A32 looks on a white background.

Color Contrast Check

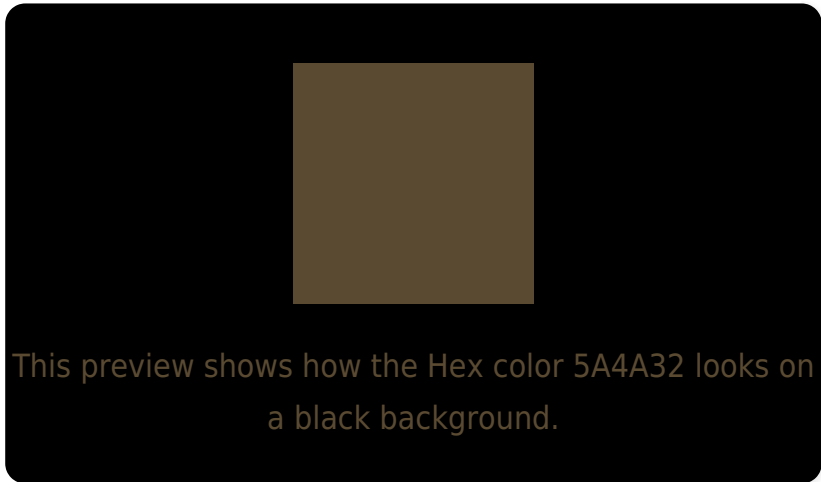
Large Text (above 18pt) WCAG AA ✓ Pass

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

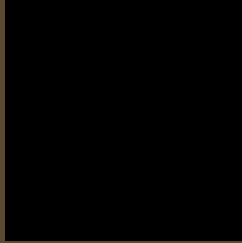
Any Text WCAG AA × Fail

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 5A4A32 Background



This preview shows how black text looks on a background with the Hex color 5A4A32.

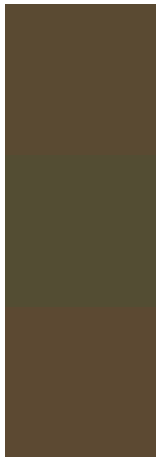


This preview shows how white text looks on a background with the Hex color 5A4A32.

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
5A4A32

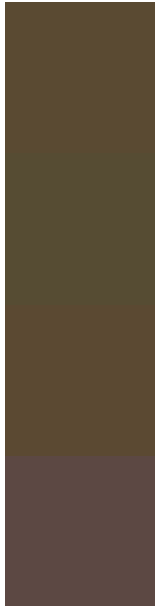
Protanopia
534D33

Deuteranopia
5C4932



Tritanopia
5D474C

Trichromacy



Original Color

5A4A32

Protanomaly

564C33

Deuteranomaly

5B4932

Tritanomaly

5C4843

Monochromacy



Original Color

5A4A32

Achromatopsia

4C4C4C

Achromatomaly

514B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4A32 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 #5A4A32 looks like.

```
.text, #text, p{  
    color:#5A4A32  
}
```

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 #5A4A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4A32
}
```

Border

The CSS property to change the border of an element to Hex 5A4A32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

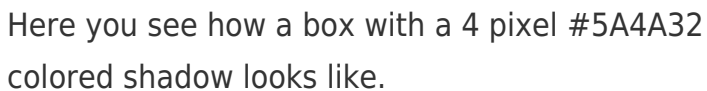
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A4A32 }
```

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

```
.border{ border-color:#5A4A32 }
```

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



Here you see how a box with a 4 pixel #5A4A32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4A32; -webkit-box-shadow:4px 4px  
4px 4px #5A4A32; box-shadow:4px 4px 4px  
4px #5A4A32 }
```

Background

The CSS property to change the background color of an element to Hex 5A4A32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4A32 }
```

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

```
.background{ background-color:#5A4A32 }
```

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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