

Converting Colors

Hex(5A4E42)

Have a look what the booklet for
Hex(5A4E42) contains.

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Color

Hex(5A4E42)

Conversions

Conversions Part 1

Format	Color
Hex	5A4E42
RGB	90, 78, 66
RGB Percent	35%, 31%, 26%
CMY	0.6471, 0.6941, 0.7412
CMYK	0.00, 0.13, 0.27, 0.65
HSL	30°, 15%, 31%
HSV	30°, 27%, 35%
XYZ	7.9242, 8.0158, 6.2838
YIQ	80.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

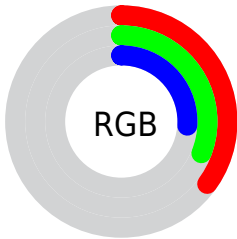
Format	Color
RYB	90, 90, 66
Decimal	5918274
CIELab	34.02, 2.84, 8.95
CIELCh	34, 9.386, 72.366
Yxy	8.0158, 0.3566, 0.3607
Android (android.graphics.Color)	4284108354 (0xFF5A4E42)
YUV	80.2200, -7.0105, 8.5771
Hunter-Lab	28.3122, 0.4136, 6.6593

Details

The Hex color **5A4E42** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **424E5A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8C7F72**, and **2C2217** is the 20% darker color. If you saturate the color by 10%, you get **5A4A39**, and if you desaturate by 10%, it is **5A534B**.

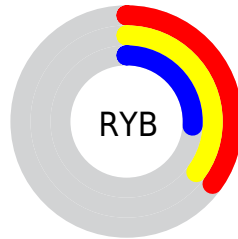
Distribution



Red (35%)

Green (31%)

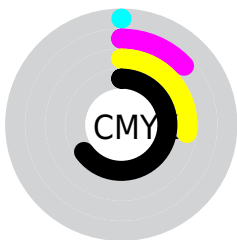
Blue (26%)



Red (35%)

Yellow (35%)

Blue (26%)

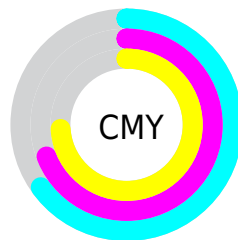


Cyan (0%)

Magenta (13%)

Yellow (27%)

Black (65%)



Cyan (65%)

Magenta (69%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4E42 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 5A4E42 by changing the saturation by 10% instead.

■ 5A4E42

■ 5A4E42

FFFFFF

■ 42372C

■ 8C7F72

■ 2C2217

■ A7998B

■ 180C00

■ C2B4A6

■ 000000

■ DECFC1

■ FBEBDD

■ FFFFF9

■ 5A4E42

■ 5A4E42

■ 5A4A39

■ 5A534B

■ 5A4530

■ 5A5754

■ 5A4127

■ 5A5C5D

■ 5A3C1E

■ 5A6066

■ 5A3815

■ 5A656F

■ 5A330C

■ 5A6978

■ 5A2F03

■ 5A6E81

■ 5A2D00

■ 5A728A

■ 5A7793

Harmonies

Analogous

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



5F4C46



5A4E42



535041

Triad

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



5A4E42



3D5453



554D5B

Complementary

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



5A4E42



424E5A

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.



4C505E



5A4E42



3D545A

Square

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



5A4E42



42544B



43525E



5C4B55

Rectangle

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



5A4E42



4D5243



43525E



524E5D

Sweetspot

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



5A4E42



75716C



5A424E



3B3835



BABABA



3B3B3B

Same Dimension

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



5A4E42



756350



5A5A42



2E2C29



6E3700



ED7700

Inverse Universe

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



424E5A



506375



42425A



292C2E



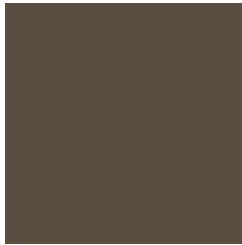
00376E



0077ED

Previews

White Background



This preview shows how the Hex color 5A4E42 looks on a white background.

Color Contrast Check

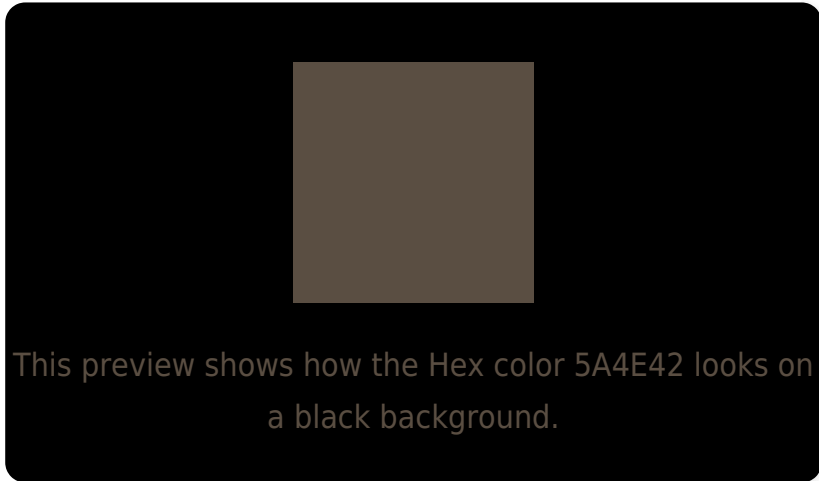
Large Text (above 18pt) WCAG AA ✓ Pass

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

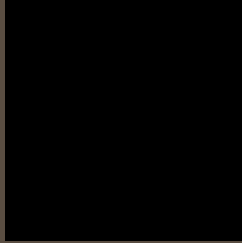
Any Text WCAG AA × Fail

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 5A4E42 Background



This preview shows how black text looks on a background with the Hex color 5A4E42.



This preview shows how white text looks on a background with the Hex color 5A4E42.

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
5A4E42

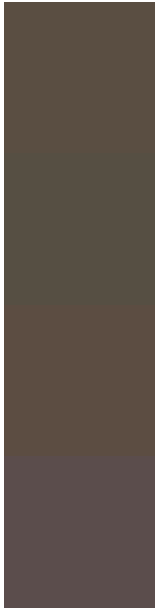
Protanopia
545043

Deuteranopia
5D4D42



Tritanopia
5C4C52

Trichromacy



Original Color

5A4E42

Protanomaly

564F43

Deuteranomaly

5C4D42

Tritanomaly

5B4D4C

Monochromacy



Original Color

5A4E42

Achromatopsia

505050

Achromatomaly

544F4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4E42 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 #5A4E42 looks like.

```
.text, #text, p{  
    color:#5A4E42  
}
```

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 #5A4E42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4E42
}
```

Border

The CSS property to change the border of an element to Hex 5A4E42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

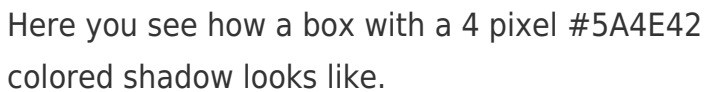
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A4E42 }
```

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

```
.border{ border-color:#5A4E42 }
```

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



Here you see how a box with a 4 pixel #5A4E42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4E42; -webkit-box-shadow:4px 4px  
4px 4px #5A4E42; box-shadow:4px 4px 4px  
4px #5A4E42 }
```

Background

The CSS property to change the background color of an element to Hex 5A4E42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4E42 }
```

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

```
.background{ background-color:#5A4E42 }
```

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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