

Converting Colors

Hex(5A4B47)

Have a look what the booklet for
Hex(5A4B47) contains.

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Color

Hex(5A4B47)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 5A4B47 |
| RGB | 90, 75, 71 |
| RGB Percent | 35%, 29%, 28% |
| CMY | 0.6471, 0.7059, 0.7216 |
| CMYK | 0.00, 0.17, 0.21, 0.65 |
| HSL | 13°, 12%, 32% |
| HSV | 13°, 21%, 35% |
| XYZ | 7.8699, 7.6607, 7.0251 |
| YIQ | 79.0290, 10.2240, 1.9360 |

Conversions

Conversions Part 2

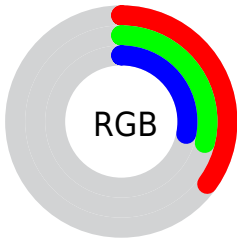
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 90, 76, 71 |
| Decimal | 5917511 |
| CIELab | 33.27, 5.57, 4.73 |
| CIElCh | 33, 7.307, 40.291 |
| Yxy | 7.6607, 0.3489, 0.3396 |
| Android (android.graphics.Color) | 4284107591 (0xFF5A4B47) |
| YUV | 79.0290, -3.9583, 9.6216 |
| Hunter-Lab | 27.6781, 2.3173, 4.3259 |

Details

The Hex color **5A4B47** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **47565A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8C7C77**, and **2C1F1C** is the 20% darker color. If you saturate the color by 10%, you get **5A443E**, and if you desaturate by 10%, it is **5A5250**.

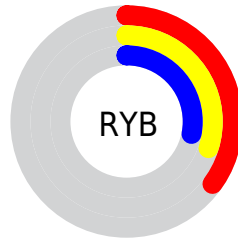
Distribution



 Red (35%)

 Green (29%)

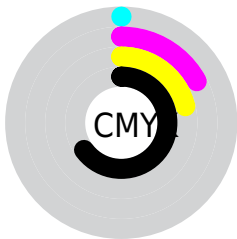
 Blue (28%)



 Red (35%)

 Yellow (30%)

 Blue (28%)

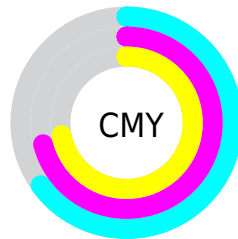


 Cyan (0%)

 Magenta (17%)

 Yellow (21%)

 Black (65%)



 Cyan (65%)

 Magenta (71%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4B47 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 5A4B47 by changing the saturation by 10% instead.

■ 5A4B47

■ 5A4B47

FFFFFF

■ 423431

■ 8C7C77

■ 2C1F1C

■ A79691

■ 190701

■ C2B0AB

■ 000000

■ DECCC7

■ FBE8E3

■ 5A4B47

■ 5A4B47

■ 5A443E

■ 5A5250

■ 5A3D35

■ 5A5959

 5A362C

 5A6062

 5A2F23

 5A676B

 5A271A

 5A6F74

 5A2011

 5A767D

 5A1908

 5A7D86

 5A1300

 5A848F

 5A8B98

Harmonies

Analogous

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



5A4A4C



5A4B47



574D44

Triad

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



5A4B47



44514A



4B4E59

Complementary

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



5A4B47



47565A

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.



445059



5A4B47



405250

Square

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



5A4B47



4A5045



405155



524C57

Rectangle

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



5A4B47



534E43



405155



484F5A

Sweetspot

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



5A4B47



75706E



5A4756



3B3737



BABABA



3B3B3B

Same Dimension

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



5A4B47



755E58



5A5447



2E2A29



6E1700



ED3200

Inverse Universe

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



47565A



586F75



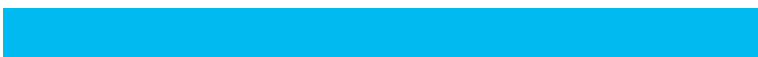
474D5A



292D2E



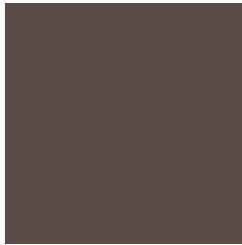
00576E



00BBED

Previews

White Background



This preview shows how the Hex color 5A4B47 looks on a white background.

Color Contrast Check

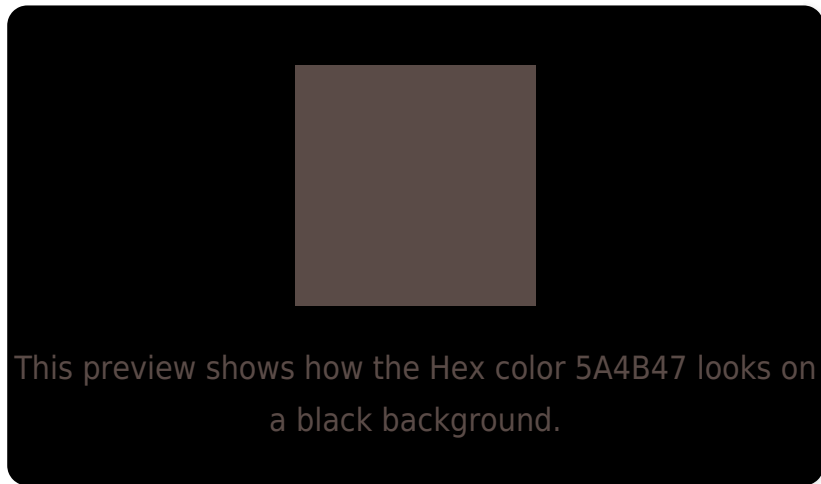
Large Text (above 18pt) WCAG AA ✓ Pass

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

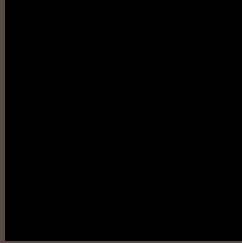
Any Text WCAG AA × Fail

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 5A4B47 Background



This preview shows how black text looks on a background with the Hex color 5A4B47.

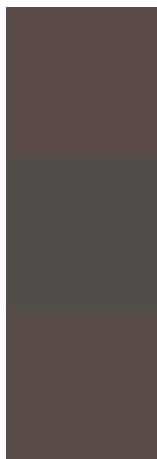


This preview shows how white text looks on a background with the Hex color 5A4B47.

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
5A4B47

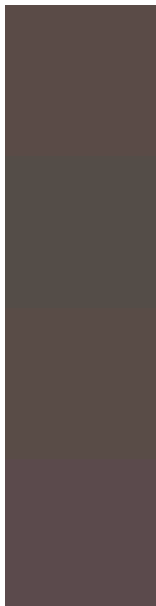
Protanopia
514E49

Deuteranopia
594C47



Tritanopia
5B4A4F

Trichromacy



Original Color

5A4B47

Protanomaly

544D48

Deuteranomaly

594C47

Tritanomaly

5B4A4C

Monochromacy



Original Color

5A4B47

Achromatopsia

4F4F4F

Achromatomaly

534E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4B47 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 #5A4B47 looks like.

```
.text, #text, p{  
    color:#5A4B47  
}
```

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 #5A4B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4B47
}
```

Border

The CSS property to change the border of an element to Hex 5A4B47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

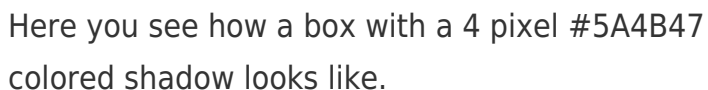
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A4B47 }
```

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

```
.border{ border-color:#5A4B47 }
```

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



Here you see how a box with a 4 pixel #5A4B47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4B47; -webkit-box-shadow:4px 4px  
4px 4px #5A4B47; box-shadow:4px 4px 4px  
4px #5A4B47 }
```

Background

The CSS property to change the background color of an element to Hex 5A4B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4B47 }
```

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

```
.background{ background-color:#5A4B47 }
```

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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