

Converting Colors

Hex(5A4945)

Have a look what the booklet for
Hex(5A4945) contains.

Hex(5A4945)	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(5A4945)

Conversions

Conversions Part 1

Format	Color
Hex	5A4945
RGB	90, 73, 69
RGB Percent	35%, 29%, 27%
CMY	0.6471, 0.7137, 0.7294
CMYK	0.00, 0.19, 0.23, 0.65
HSL	11°, 13%, 31%
HSV	11°, 23%, 35%
XYZ	7.6732, 7.3684, 6.6481
YIQ	77.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

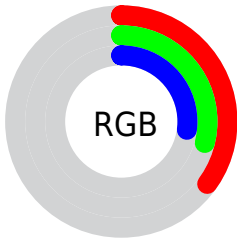
Format	Color
RYB	90, 74, 69
Decimal	5916997
CIELab	32.63, 6.48, 5.09
CIELCh	33, 8.241, 38.167
Yxy	7.3684, 0.3538, 0.3397
Android (android.graphics.Color)	4284107077 (0xFF5A4945)
YUV	77.6270, -4.2531, 10.8511
Hunter-Lab	27.1448, 2.9541, 4.4806

Details

The Hex color **5A4945** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45565A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8C7A75**, and **2C1D1A** is the 20% darker color. If you saturate the color by 10%, you get **5A423C**, and if you desaturate by 10%, it is **5A504E**.

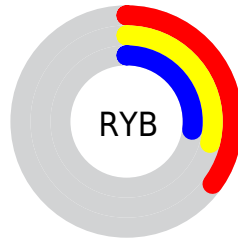
Distribution



Red (35%)

Green (29%)

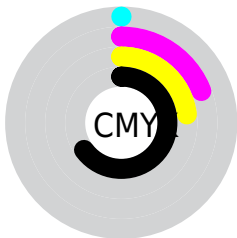
Blue (27%)



Red (35%)

Yellow (29%)

Blue (27%)

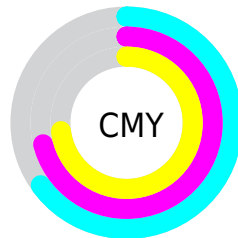


Cyan (0%)

Magenta (19%)

Yellow (23%)

Black (65%)



Cyan (65%)

Magenta (71%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4945 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 5A4945 by changing the saturation by 10% instead.

■ 5A4945

■ 5A4945

FFFFFF

■ 42322F

■ 8C7A75

■ 2C1D1A

■ A7938F

■ 190400

■ C2AEA9

■ 000000

■ DEC9C4

■ FBE5E0

FFFFFFD

■ 5A4945

■ 5A4945

■ 5A423C

■ 5A504E

■ 5A3A33

■ 5A5857

■ 5A332A

■ 5A5F60

■ 5A2C21

■ 5A6669

■ 5A2518

■ 5A6D72

■ 5A1D0F

■ 5A757B

■ 5A1606

■ 5A7C84

■ 5A1100

■ 5A838D

■ 5A8B96

Harmonies

Analogous

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



5A484B



5A4945



564B41

Triad

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



5A4945



425048



484D59

Complementary

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



5A4945



45565A

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.



404F59



5A4945



3D514E

Square

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



5A4945



494F42



3C5054



504B57

Rectangle

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



5A4945



524C40



3C5054



454D5A

Sweetspot

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



5A4945



756F6D



5A4556



3B3736



BABABA



3B3B3B

Same Dimension

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



5A4945



755B54



5A5345



2E2A29



6E1500



ED2D00

Inverse Universe

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



45565A



546F75



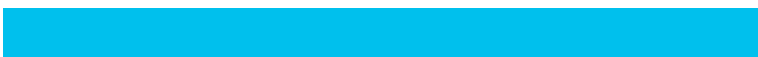
454C5A



292D2E



00596E



00C0ED

Previews

White Background



This preview shows how the Hex color 5A4945 looks on a white background.

Color Contrast Check

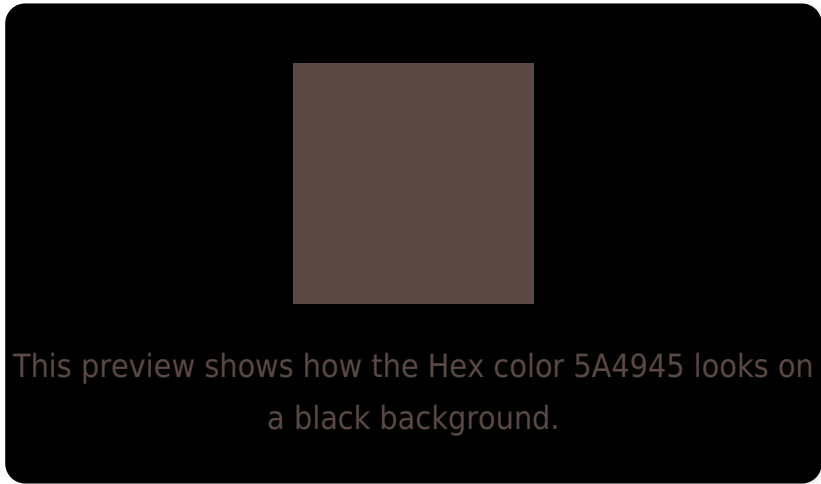
Large Text (above 18pt) WCAG AA ✓ Pass

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

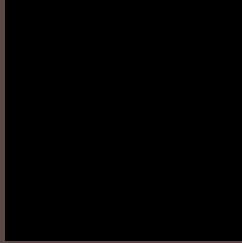
Any Text WCAG AA × Fail

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 5A4945 Background



This preview shows how black text looks on a background with the Hex color 5A4945.



This preview shows how white text looks on a background with the Hex color 5A4945.

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](#).

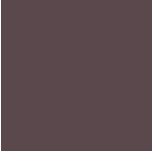
Dichromacy



Original Color
5A4945

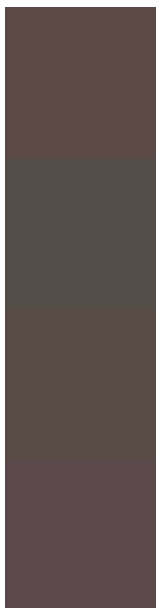
Protanopia
504D47

Deuteranopia
574A45



Tritanopia
5B484D

Trichromacy



Original Color

5A4945

Protanomaly

544C46

Deuteranomaly

584A45

Tritanomaly

5B484A

Monochromacy



Original Color

5A4945

Achromatopsia

4E4E4E

Achromatomaly

524C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4945 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 #5A4945 looks like.

```
.text, #text, p{  
    color:#5A4945  
}
```

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 #5A4945 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4945
}
```

Border

The CSS property to change the border of an element to Hex 5A4945 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".

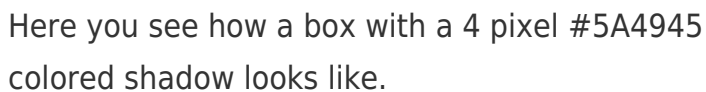
```
.border, #border, table{ border:4px solid
#5A4945 }
```

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

```
.border{ border-color:#5A4945 }
```

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

Here you see how a box with a 4 pixel #5A4945 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4945; -webkit-box-shadow:4px 4px  
4px 4px #5A4945; box-shadow:4px 4px 4px  
4px #5A4945 }
```

Background

The CSS property to change the background color of an element to Hex 5A4945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4945 }
```

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

```
.background{ background-color:#5A4945 }
```

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