

Converting Colors

Hex(574A47)

Have a look what the booklet for
Hex(574A47) contains.

Hex(574A47)	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(574A47)

Conversions

Conversions Part 1

Format	Color
Hex	574A47
RGB	87, 74, 71
RGB Percent	34%, 29%, 28%
CMY	0.6588, 0.7098, 0.7216
CMYK	0.00, 0.15, 0.18, 0.66
HSL	11°, 10%, 31%
HSV	11°, 18%, 34%
XYZ	7.5166, 7.3787, 6.9893
YIQ	77.5450, 8.7110, 1.8230

Conversions

Conversions Part 2

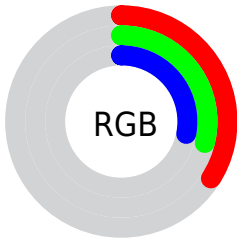
Format	Color
R_{YB}	87, 75, 71
Decimal	5720647
CIE Lab	32.65, 4.90, 3.81
CIE LCh	33, 6.206, 37.834
Yxy	7.3787, 0.3435, 0.3372
Android (android.graphics.Color)	4283910727 (0xFF574A47)
YUV	77.5450, -3.2267, 8.2920
Hunter-Lab	27.1638, 1.8567, 3.7592

Details

The Hex color **574A47** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **475457**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **897B77**, and **291E1C** is the 20% darker color. If you saturate the color by 10%, you get **57433E**, and if you desaturate by 10%, it is **575150**.

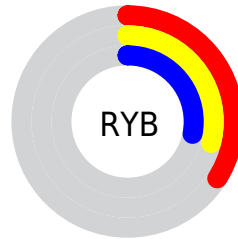
Distribution



Red (34%)

Green (29%)

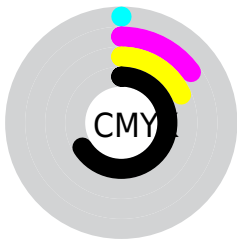
Blue (28%)



Red (34%)

Yellow (29%)

Blue (28%)

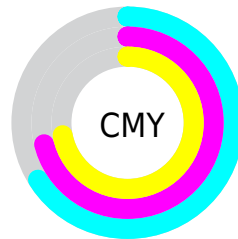


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (66%)



Cyan (66%)

Magenta (71%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 574A47 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 574A47 by changing the saturation by 10% instead.



574A47



574A47

FFFFFF



403331



897B77



291E1C



A39491



160501



BEAFAB



000000



DACAC7



F7E7E3



574A47



574A47



57433E



575150



573C36



575858

■ 57352D

■ 575F61

■ 572E24

■ 57666A

■ 57271C

■ 576D73

■ 572013

■ 57747B

■ 57190A

■ 577B84

■ 571101

■ 57838D

■ 571000

■ 578A95

Harmonies

Analogous

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



57494C



574A47



544B44

Triad

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



574A47



454F49



494D56

Complementary

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



574A47



475457

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.



444E56



574A47



41504E

Square

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



574A47



4A4E45



414F53



4F4B55

Rectangle

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



574A47



514C43



414F53



474D56

Sweetspot

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



574A47



706B69



574754



383534



B8B8B8



383838

Same Dimension

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



574A47



705C58



575247



2B2827



6B1400



EB2C00

Inverse Universe

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



475457



586C70



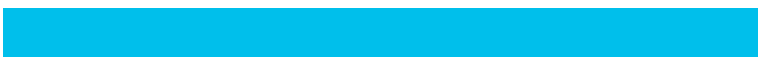
474C57



272B2B



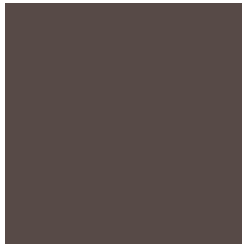
00576B



00BFEB

Previews

White Background



This preview shows how the Hex color 574A47 looks on a white background.

Color Contrast Check

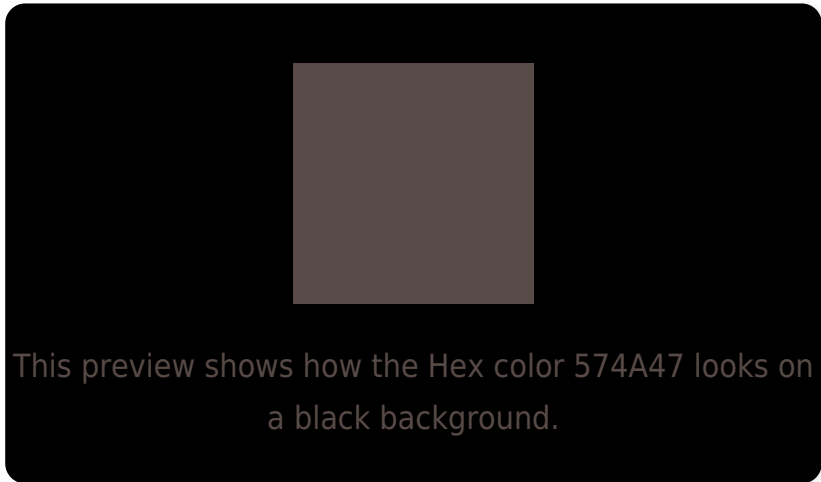
Large Text (above 18pt) WCAG AA ✓ Pass

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

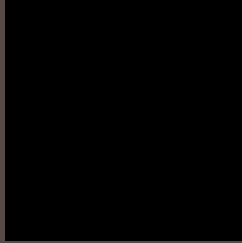
Any Text WCAG AA × Fail

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 574A47 Background



This preview shows how black text looks on a background with the Hex color 574A47.



This preview shows how white text looks on a background with the Hex color 574A47.

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
574A47

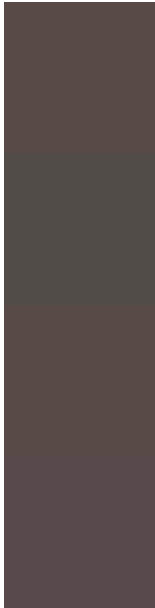
Protanopia
4F4D48

Deuteranopia
574A47



Tritanopia
58494F

Trichromacy



Original Color

574A47

Protanomaly

524C48

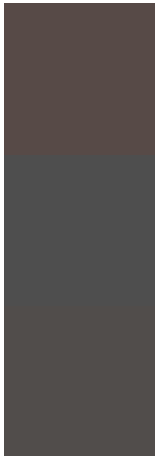
Deuteranomaly

574A47

Tritanomaly

58494C

Monochromacy



Original Color

574A47

Achromatopsia

4E4E4E

Achromatomaly

514D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 574A47 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 #574A47 looks like.

```
.text, #text, p{  
    color:#574A47  
}
```

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 #574A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #574A47
}
```

Border

The CSS property to change the border of an element to Hex 574A47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

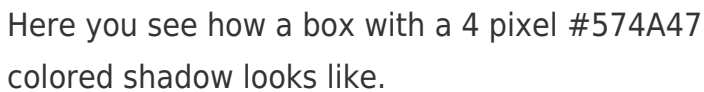
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#574A47 }
```

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

```
.border{ border-color:#574A47 }
```

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



Here you see how a box with a 4 pixel #574A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #574A47; -webkit-box-shadow:4px 4px  
4px 4px #574A47; box-shadow:4px 4px 4px  
4px #574A47 }
```

Background

The CSS property to change the background color of an element to Hex 574A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#574A47 }
```

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

```
.background{ background-color:#574A47 }
```

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