

Converting Colors

Hex(5E574E)

Have a look what the booklet for
Hex(5E574E) contains.

Hex(5E574E)	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(5E574E)

Conversions

Conversions Part 1

Format	Color
Hex	5E574E
RGB	94, 87, 78
RGB Percent	37%, 34%, 31%
CMY	0.6314, 0.6588, 0.6941
CMYK	0.00, 0.07, 0.17, 0.63
HSL	34°, 9%, 34%
HSV	34°, 17%, 37%
XYZ	9.3994, 9.7461, 8.5935
YIQ	88.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

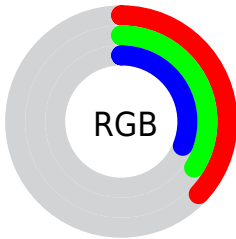
Format	Color
R_YB	90, 94, 78
Decimal	6182734
CIE Lab	37.38, 1.12, 6.25
CIE LCh	37, 6.350, 79.833
Yxy	9.7461, 0.3389, 0.3514
Android (android.graphics.Color)	4284372814 (0xFF5E574E)
YUV	88.0670, -4.9630, 5.2032
Hunter-Lab	31.2188, -0.8897, 5.5326

Details

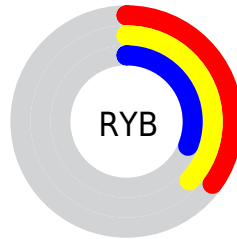
The Hex color **5E574E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E555E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **90897F**, and **302A22** is the 20% darker color. If you saturate the color by 10%, you get **5E5345**, and if you desaturate by 10%, it is **5E5B57**.

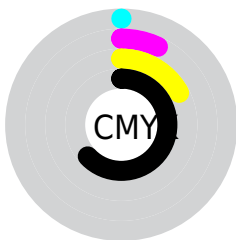
Distribution



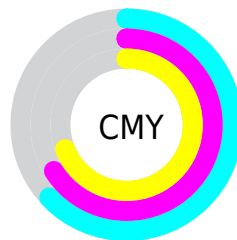
- Red (37%)
- Green (34%)
- Blue (31%)



- Red (35%)
- Yellow (37%)
- Blue (31%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (63%)



- Cyan (63%)
- Magenta (66%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E574E 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 5E574E by changing the saturation by 10% instead.



5E574E



5E574E

FFFFFF



464037



90897F



302A22



ABA399



1B150C



C6BEB4



000000



E2DACF



FFF6EB



5E574E



5E574E



5E5345



5E5B57



5E4F3B



5E5F61

■ 5E4B32

■ 5E636A

■ 5E4728

■ 5E6774

■ 5E421F

■ 5E6C7D

■ 5E3E16

■ 5E7086

■ 5E3A0C

■ 5E7490

■ 5E3603

■ 5E7899

■ 5E3500

■ 5E7CA3

Harmonies

Analogous

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



625550



5E574E



59594E

Triad

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



5E574E



4B5B5B



5D565F

Complementary

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



5E574E



4E555E

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.



575762



5E574E



4C5A60

Square

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



5E574E



4E5B56



515962



61555A

Rectangle

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



5E574E



555A50



515962



5B5660

Sweetspot

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



5E574E



7A7874



5E4E55



3D3C3A



BDBDBD



3D3D3D

Same Dimension

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



5E574E



7A7062



5D5E4E



2E2C29



6E3E00



ED8500

Inverse Universe

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



4E555E



626D7A



4F4E5E



292B2E



00306E



0068ED

Previews

White Background



This preview shows how the Hex color 5E574E looks on a white background.

Color Contrast Check

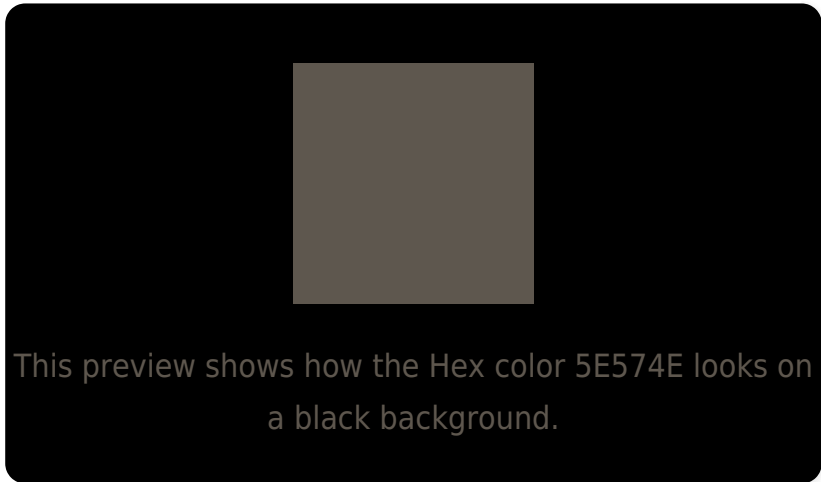
Large Text (above 18pt) WCAG AA ✓ Pass

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

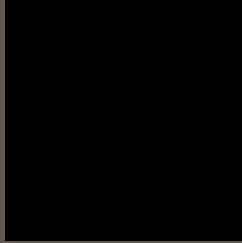
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

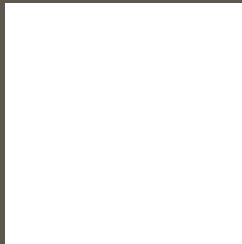
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5E574E Background



This preview shows how black text looks on a background with the Hex color 5E574E.

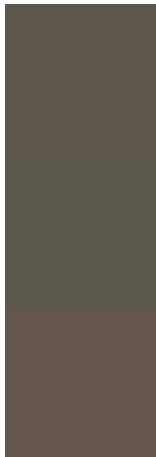


This preview shows how white text looks on a background with the Hex color 5E574E.

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](#).

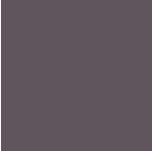
Dichromacy



Original Color
5E574E

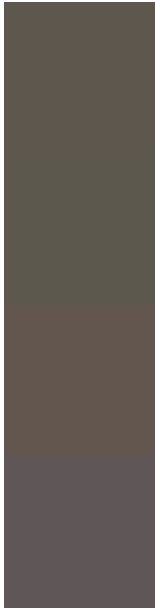
Protanopia
5C584E

Deuteranopia
64554E



Tritanopia
60555C

Trichromacy



Original Color
5E574E

Protanomaly
5D584E

Deuteranomaly
62564E

Tritanomaly
5F5657

Monochromacy



Original Color
5E574E

Achromatopsia
585858

Achromatomaly
5A5854

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E574E 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 #5E574E looks like.

```
.text, #text, p{  
    color:#5E574E  
}
```

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 #5E574E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E574E
}
```

Border

The CSS property to change the border of an element to Hex 5E574E is called "border". The border property can be set on classes, ids or directly on the HTML element.

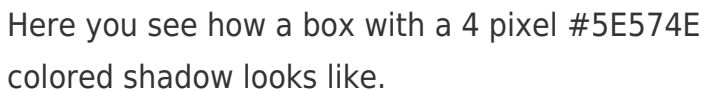
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E574E }
```

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

```
.border{ border-color:#5E574E }
```

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



Here you see how a box with a 4 pixel #5E574E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E574E; -webkit-box-shadow:4px 4px  
4px 4px #5E574E; box-shadow:4px 4px 4px  
4px #5E574E }
```

Background

The CSS property to change the background color of an element to Hex 5E574E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E574E }
```

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

```
.background{ background-color:#5E574E }
```

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