

Converting Colors

Hex(574A58)

Have a look what the booklet for
Hex(574A58) contains.

Hex(574A58)	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(574A58)

Conversions

Conversions Part 1

Format	Color
Hex	574A58
RGB	87, 74, 88
RGB Percent	34%, 29%, 35%
CMY	0.6588, 0.7098, 0.6549
CMYK	0.01, 0.16, 0.00, 0.65
HSL	296°, 9%, 32%
HSV	296°, 16%, 35%
XYZ	8.1407, 7.6284, 10.2759
YIQ	79.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

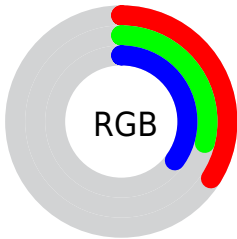
Format	Color
R_YB	87, 74, 88
Decimal	5720664
CIE Lab	33.20, 8.35, -6.24
CIE LCh	33, 10.418, 323.232
Yxy	7.6284, 0.3126, 0.2929
Android (android.graphics.Color)	4283910744 (0xFF574A58)
YUV	79.4830, 4.1989, 6.5924
Hunter-Lab	27.6195, 4.2778, -2.7253




Details

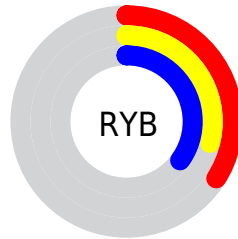
The Hex color **574A58** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4B584A**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **897B8A**, and **2A1E2B** is the 20% darker color. If you saturate the color by 10%, you get **564158**, and if you desaturate by 10%, it is **585358**.

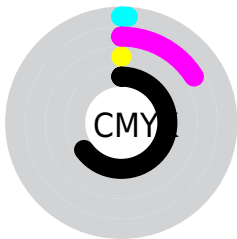
Distribution







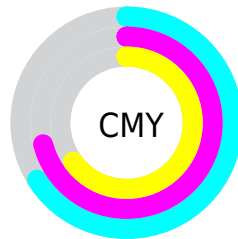
-  Red (34%)
-  Green (29%)
-  Blue (35%)






-  Red (34%)
-  Yellow (29%)
-  Blue (35%)



-  Cyan (1%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (66%)
-  Magenta (71%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 574A58 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 574A58 by changing the saturation by 10% instead.

■ 574A58

■ 574A58

FFFFFF

■ 403341

■ 897B8A

■ 2A1E2B

■ A394A4

■ 160616

■ BEAFBF

■ 000000

■ DACBDB

■ F7E7F8

■ 574A58

■ 574A58

■ 564158

■ 585358

■ 563858

■ 585C58

■ 553058

■ 596458

■ 542758

■ 5A6D58

■ 541E58

■ 5A7658

■ 531558

■ 5B7F58

■ 530C58

■ 5B8858

■ 520458

■ 5C9058

■ 520058

■ 5D9958

Harmonies

Analogous

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



4D4D5D



574A58



5D4850

Triad

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



574A58



564D3E



385354

Complementary

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



574A58



4B584A

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.



3C534C



574A58



4E503F

Square

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



574A58



5D4A41



445244



3A525B

Rectangle

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



574A58



5F484B



445244



395352

Sweetspot

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



574A58



726D73



4A4B58



3A373B



BABABA



3B3B3B

Same Dimension

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



574A58



715D73



584A52



2B272B



63006B



DA00EB

Inverse Universe

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



584A4B



735D5F



4A5850



2B2727



6B0008



EB0011

Previews

White Background



This preview shows how the Hex color 574A58 looks on a white background.

Color Contrast Check

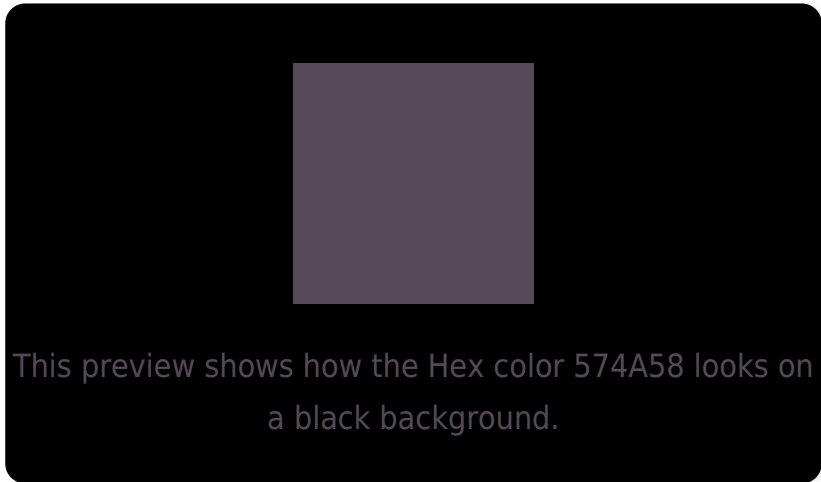
Large Text (above 18pt) WCAG AA ✓ Pass

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

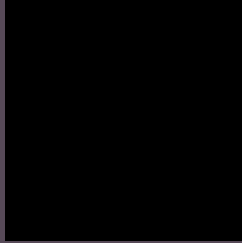
Any Text WCAG AA × Fail

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 574A58 Background



This preview shows how black text looks on a background with the Hex color 574A58.

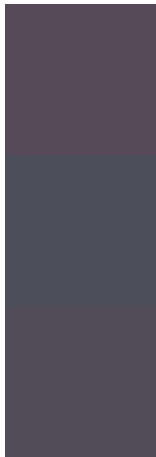


This preview shows how white text looks on a background with the Hex color 574A58.

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
574A58

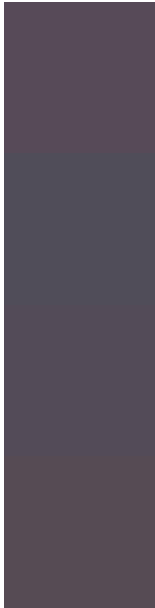
Protanopia
4C4E5A

Deuteranopia
514C58



Tritanopia
564B51

Trichromacy



Original Color

574A58

Protanomaly

504D59

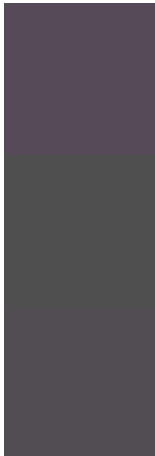
Deuteranomaly

534B58

Tritanomaly

564B54

Monochromacy



Original Color

574A58

Achromatopsia

4F4F4F

Achromatomaly

524D52

CSS Examples

Text

The CSS property to change the color of the text to Hex 574A58 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 #574A58 looks like.

```
.text, #text, p{  
    color:#574A58  
}
```

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 #574A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #574A58
}
```

Border

The CSS property to change the border of an element to Hex 574A58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

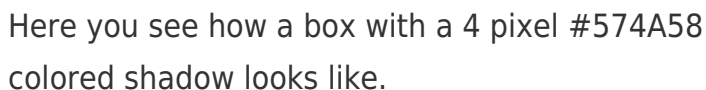
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#574A58 }
```

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

```
.border{ border-color:#574A58 }
```

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



Here you see how a box with a 4 pixel #574A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #574A58; -webkit-box-shadow:4px 4px  
4px 4px #574A58; box-shadow:4px 4px 4px  
4px #574A58 }
```

Background

The CSS property to change the background color of an element to Hex 574A58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#574A58 }
```

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

```
.background{ background-color:#574A58 }
```

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