

Converting Colors

Hex(5A4D58)

Have a look what the booklet for
Hex(5A4D58) contains.

Hex(5A4D58)	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(5A4D58)

Conversions

Conversions Part 1

Format	Color
Hex	5A4D58
RGB	90, 77, 88
RGB Percent	35%, 30%, 35%
CMY	0.6471, 0.6980, 0.6549
CMYK	0.00, 0.14, 0.02, 0.65
HSL	309°, 8%, 33%
HSV	309°, 14%, 35%
XYZ	8.6318, 8.1860, 10.3576
YIQ	82.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

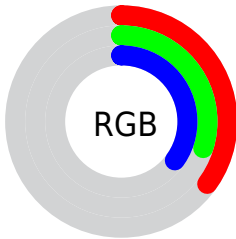
Format	Color
RYB	90, 77, 88
Decimal	5918040
CIELab	34.37, 7.64, -4.46
CIElCh	34, 8.850, 329.751
Yxy	8.1860, 0.3176, 0.3012
Android (android.graphics.Color)	4284108120 (0xFF5A4D58)
YUV	82.1410, 2.8885, 6.8923
Hunter-Lab	28.6112, 3.7826, -1.4360

Details

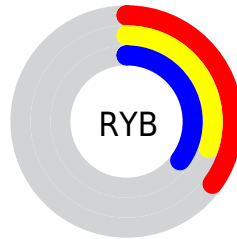
The Hex color **5A4D58** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4D5A4F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8C7E8A**, and **2C212B** is the 20% darker color. If you saturate the color by 10%, you get **5A4457**, and if you desaturate by 10%, it is **5A5659**.

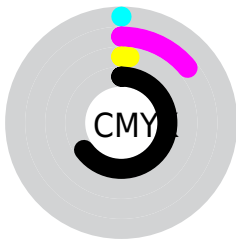
Distribution



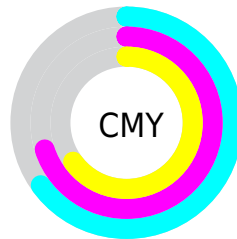
- Red (35%)
- Green (30%)
- Blue (35%)



- Red (35%)
- Yellow (30%)
- Blue (35%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (65%)



- Cyan (65%)
- Magenta (70%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4D58 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 5A4D58 by changing the saturation by 10% instead.

■ 5A4D58

■ 5A4D58

FFFFFF

■ 433641

■ 8C7E8A

■ 2C212B

■ A798A4

■ 180A16

■ C2B3BF

■ 000000

■ DECEDB

■ FAEAF8

■ 5A4D58

■ 5A4D58

■ 5A4457

■ 5A5659

■ 5A3B55

■ 5A5F5B

■ 5A3254

■ 5A685C

■ 5A2952

■ 5A715E

■ 5A2051

■ 5A7A5F

■ 5A1750

■ 5A8360

■ 5A0E4E

■ 5A8C62

■ 5A054D

■ 5A9563

■ 5A004C

■ 5A9E64

Harmonies

Analogous

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



524F5D



5A4D58



5F4C51

Triad

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



5A4D58



575043



3F5557

Complementary

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



5A4D58



4D5A4F

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.



415550



5A4D58



4F5345

Square

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



5A4D58



5D4E45



47544A



42535D

Rectangle

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



5A4D58



604C4C



47544A



3F5555

Sweetspot

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



5A4D58



757175



4F4D5A



3B383A



BABABA



3B3B3B

Same Dimension

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



5A4D58



756172



5A4D52



2E292D



6E005D



ED00C9

Inverse Universe

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



5A4D58



756172



4D5A55



2E292D



6E005D



ED00C9

Previews

White Background



This preview shows how the Hex color 5A4D58 looks on a white background.

Color Contrast Check

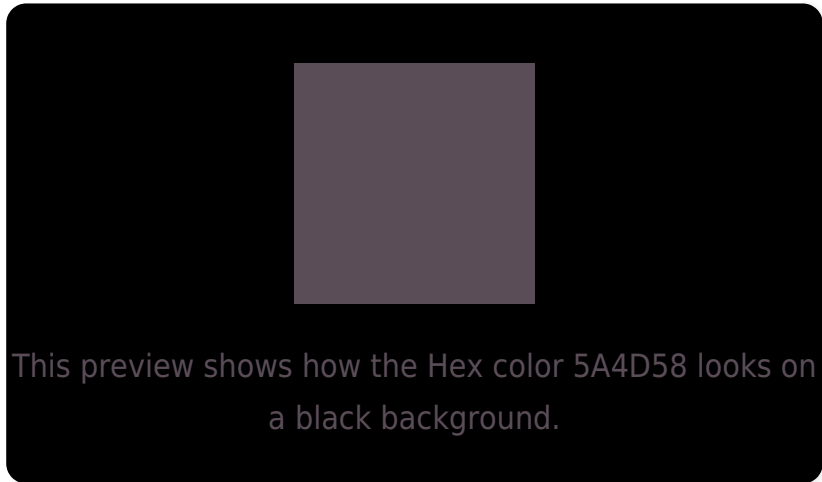
Large Text (above 18pt) WCAG AA ✓ Pass

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

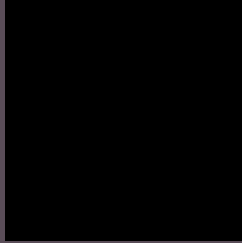
Any Text WCAG AA × Fail

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 5A4D58 Background



This preview shows how black text looks on a background with the Hex color 5A4D58.



This preview shows how white text looks on a background with the Hex color 5A4D58.

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](#).

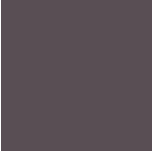
Dichromacy



Original Color
5A4D58

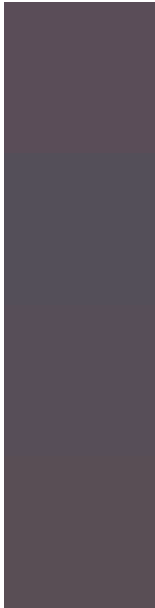
Protanopia
50505A

Deuteranopia
564F58



Tritanopia
594E54

Trichromacy



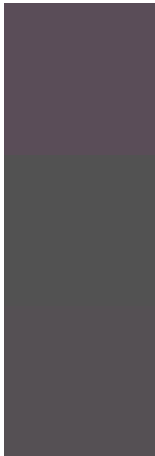
Original Color
5A4D58

Protanomaly
544F59

Deuteranomaly
574E58

Tritanomaly
594E55

Monochromacy



Original Color
5A4D58

Achromatopsia
525252

Achromatomaly
555054

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4D58 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 #5A4D58 looks like.

```
.text, #text, p{  
    color:#5A4D58  
}
```

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 #5A4D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4D58  
}
```

Border

The CSS property to change the border of an element to Hex 5A4D58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

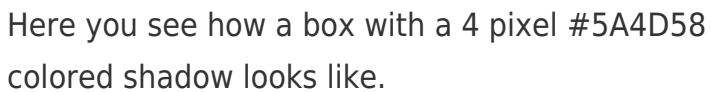
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5A4D58 }
```

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

```
.border{ border-color:#5A4D58 }
```

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



Here you see how a box with a 4 pixel #5A4D58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4D58; -webkit-box-shadow:4px 4px  
4px 4px #5A4D58; box-shadow:4px 4px 4px  
4px #5A4D58 }
```

Background

The CSS property to change the background color of an element to Hex 5A4D58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4D58 }
```

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

```
.background{ background-color:#5A4D58 }
```

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