

Converting Colors

Hex(5A473D)

Have a look what the booklet for
Hex(5A473D) contains.

Hex(5A473D)	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(5A473D)

Conversions

Conversions Part 1

Format	Color
Hex	5A473D
RGB	90, 71, 61
RGB Percent	35%, 28%, 24%
CMY	0.6471, 0.7216, 0.7608
CMYK	0.00, 0.21, 0.32, 0.65
HSL	21°, 19%, 30%
HSV	21°, 32%, 35%
XYZ	7.3120, 7.0171, 5.3839
YIQ	75.5410, 14.5340, 0.9180

Conversions

Conversions Part 2

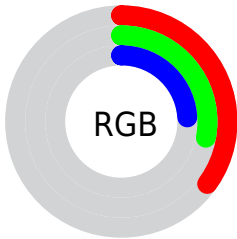
Format	Color
RYB	90, 76, 61
Decimal	5916477
CIELab	31.85, 6.42, 9.08
CIELCh	32, 11.124, 54.750
Yxy	7.0171, 0.3709, 0.3560
Android (android.graphics.Color)	4284106557 (0xFF5A473D)
YUV	75.5410, -7.1687, 12.6805
Hunter-Lab	26.4897, 2.9145, 6.4924

Details

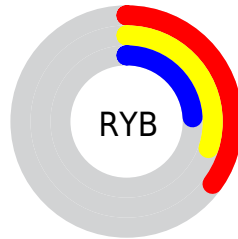
The Hex color **5A473D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D505A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8D776C**, and **2B1C13** is the 20% darker color. If you saturate the color by 10%, you get **5A4134**, and if you desaturate by 10%, it is **5A4D46**.

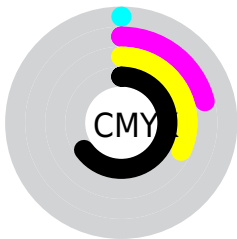
Distribution



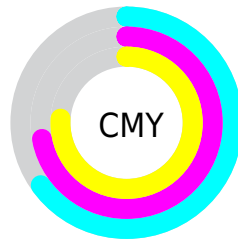
- Red (35%)
- Green (28%)
- Blue (24%)



- Red (35%)
- Yellow (30%)
- Blue (24%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (65%)



- Cyan (65%)
- Magenta (72%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A473D 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 5A473D by changing the saturation by 10% instead.



5A473D



5A473D

FFFFFF



423127



8D776C



2B1C13



A79186



160100



C3ACA0



000000



DFC7BB



FBE3D7



FFFFF3



5A473D



5A473D



5A4134



5A4D46

 5A3B2B

 5A534F

 5A3522

 5A5958

 5A2F19

 5A5F61

 5A2A10

 5A646A

 5A2407

 5A6A73

 5A1F00

 5A707C

 5A7685

 5A7C8E

Harmonies

Analogous

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



5D4544



5A473D



534A3A

Triad

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



5A473D



375049



4A495B

Complementary

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



5A473D



3D505A

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.



3F4C5C



5A473D



335052

Square

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



5A473D



404F41



364F59



554655

Rectangle

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



5A473D



4D4C3A



364F59



474A5C

Sweetspot

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



5A473D



756E6A



5A3D50



3B3634



BABABA



3B3B3B

Same Dimension

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



5A473D



755748



5A553D



2E2B29



6E2600



ED5200

Inverse Universe

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



3D505A



486675



3D425A



292C2E



00486E



009BED

Previews

White Background



This preview shows how the Hex color 5A473D 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 5A473D Background



This preview shows how black text looks on a background with the Hex color 5A473D.



This preview shows how white text looks on a background with the Hex color 5A473D.

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
5A473D

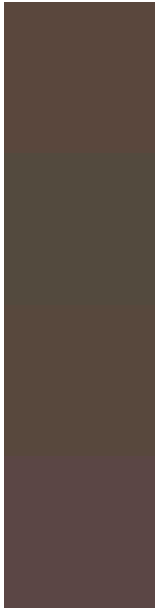
Protanopia
4F4B3F

Deuteranopia
57483D



Tritanopia
5B454A

Trichromacy



Original Color
5A473D

Protanomaly
534A3E

Deuteranomaly
58483D

Tritanomaly
5B4645

Monochromacy



Original Color
5A473D

Achromatopsia
4C4C4C

Achromatomaly
514A47

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A473D 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 #5A473D looks like.

```
.text, #text, p{  
    color:#5A473D  
}
```

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 #5A473D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A473D
}
```

Border

The CSS property to change the border of an element to Hex 5A473D is called "border". The border property can be set on classes, ids or directly on the HTML element.

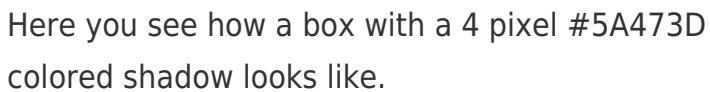
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A473D }
```

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

```
.border{ border-color:#5A473D }
```

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



Here you see how a box with a 4 pixel #5A473D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A473D; -webkit-box-shadow:4px 4px  
4px 4px #5A473D; box-shadow:4px 4px 4px  
4px #5A473D }
```

Background

The CSS property to change the background color of an element to Hex 5A473D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A473D }
```

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

```
.background{ background-color:#5A473D }
```

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