

Converting Colors

Hex(5A463A)

Have a look what the booklet for
Hex(5A463A) contains.

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Color

Hex(5A463A)

Conversions

Conversions Part 1

Format	Color
Hex	5A463A
RGB	90, 70, 58
RGB Percent	35%, 27%, 23%
CMY	0.6471, 0.7255, 0.7725
CMYK	0.00, 0.22, 0.36, 0.65
HSL	23°, 22%, 29%
HSV	23°, 36%, 35%
XYZ	7.1703, 6.8595, 4.9491
YIQ	74.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

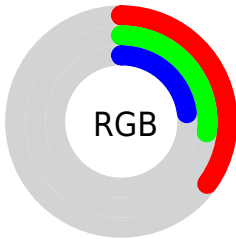
Format	Color
RYB	90, 77, 58
Decimal	5916218
CIELab	31.48, 6.59, 10.49
CIElCh	31, 12.394, 57.859
Yxy	6.8595, 0.3778, 0.3614
Android (android.graphics.Color)	4284106298 (0xFF5A463A)
YUV	74.6120, -8.1897, 13.4953
Hunter-Lab	26.1906, 3.0353, 7.1297

Details

The Hex color **5A463A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A4E5A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8D7669**, and **2B1B10** is the 20% darker color. If you saturate the color by 10%, you get **5A4031**, and if you desaturate by 10%, it is **5A4C43**.

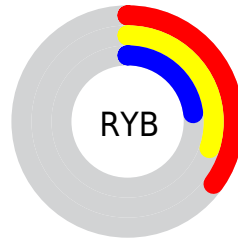
Distribution



 Red (35%)

 Green (27%)

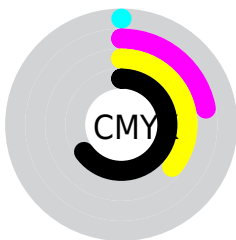
 Blue (23%)



 Red (35%)

 Yellow (30%)

 Blue (23%)

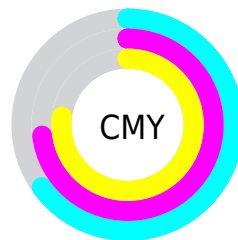


 Cyan (0%)

 Magenta (22%)

 Yellow (36%)

 Black (65%)



 Cyan (65%)

 Magenta (73%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A463A 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 5A463A by changing the saturation by 10% instead.

■ 5A463A

■ 5A463A

FFFFFF

■ 423024

■ 8D7669

■ 2B1B10

■ A79082

■ 150000

■ C3AA9C

■ 000000

■ DFC6B7

■ FCE2D3

■ FFFEEF

■ 5A463A

■ 5A463A

■ 5A4031

■ 5A4C43

■ 5A3B28

■ 5A514C

■ 5A351F

■ 5A5755

■ 5A2F16

■ 5A5D5E

■ 5A2A0D

■ 5A6267

■ 5A2404

■ 5A6870

■ 5A2200

■ 5A6D79

■ 5A7382

■ 5A798B

Harmonies

Analogous

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



5E4441



5A463A



524937

Triad

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



5A463A



335049



4B485B

Complementary

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



5A463A



3A4E5A

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.



3E4B5D



5A463A



2F4F53

Square

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



5A463A



3D4E3F



334E5A



564555

Rectangle

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



5A463A



4B4B38



334E5A



46495C

Sweetspot

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



5A463A



756D68



5A3A4E



3B3633



BABABA



3B3B3B

Same Dimension

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



5A463A



755643



5A563A



2E2B29



6E2900



ED5900

Inverse Universe

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



3A4E5A



436275



3A3E5A



292C2E



00456E



0094ED

Previews

White Background



This preview shows how the Hex color 5A463A looks on a white background.

Color Contrast Check

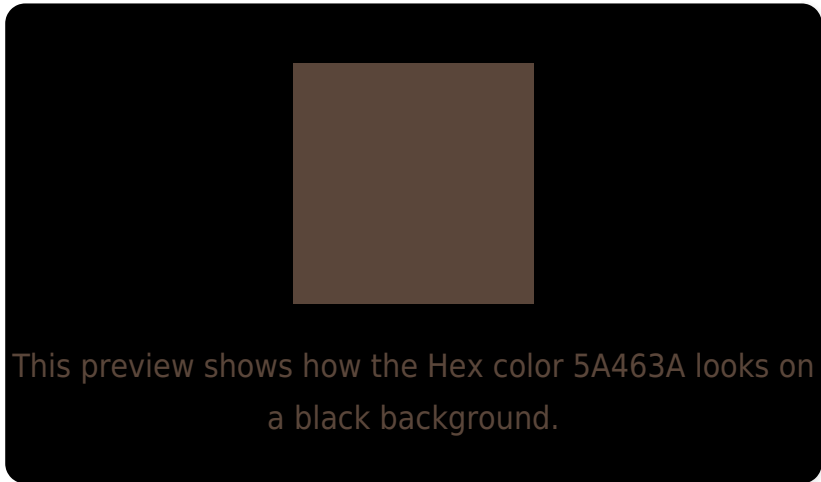
Large Text (above 18pt) WCAG AA ✓ Pass

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

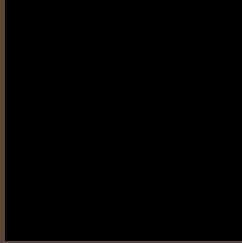
Any Text WCAG AA × Fail

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 5A463A Background



This preview shows how black text looks on a background with the Hex color 5A463A.

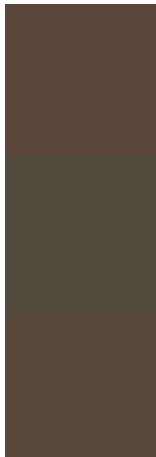


This preview shows how white text looks on a background with the Hex color 5A463A.

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
5A463A

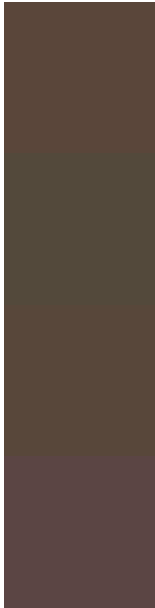
Protanopia
4F4A3C

Deuteranopia
57473A



Tritanopia
5C4449

Trichromacy



Original Color

5A463A

Protanomaly

53493B

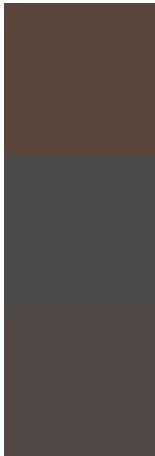
Deuteranomaly

58473A

Tritanomaly

5B4544

Monochromacy



Original Color

5A463A

Achromatopsia

4B4B4B

Achromatomaly

504945

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A463A 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 #5A463A looks like.

```
.text, #text, p{  
    color:#5A463A  
}
```

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 #5A463A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A463A
}
```

Border

The CSS property to change the border of an element to Hex 5A463A is called "border". The border property can be set on classes, ids or directly on the HTML element.

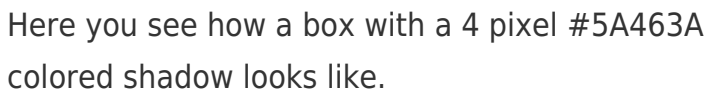
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A463A }
```

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

```
.border{ border-color:#5A463A }
```

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



Here you see how a box with a 4 pixel #5A463A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A463A; -webkit-box-shadow:4px 4px  
4px 4px #5A463A; box-shadow:4px 4px 4px  
4px #5A463A }
```

Background

The CSS property to change the background color of an element to Hex 5A463A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A463A }
```

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

```
.background{ background-color:#5A463A }
```

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](#).

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