

Converting Colors

Hex(5A4640)

Have a look what the booklet for
Hex(5A4640) contains.

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Color

Hex(5A4640)

Conversions

Conversions Part 1

Format	Color
Hex	5A4640
RGB	90, 70, 64
RGB Percent	35%, 27%, 25%
CMY	0.6471, 0.7255, 0.7490
CMYK	0.00, 0.22, 0.29, 0.65
HSL	14°, 17%, 30%
HSV	14°, 29%, 35%
XYZ	7.3320, 6.9241, 5.8005
YIQ	75.2960, 13.8460, 2.3740

Conversions

Conversions Part 2

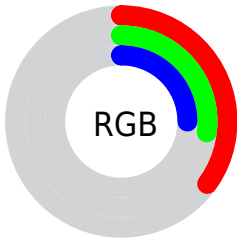
Format	Color
RYB	90, 72, 64
Decimal	5916224
CIELab	31.63, 7.53, 6.87
CIELCh	32, 10.194, 42.391
Yxy	6.9241, 0.3656, 0.3452
Android (android.graphics.Color)	4284106304 (0xFF5A4640)
YUV	75.2960, -5.5689, 12.8954
Hunter-Lab	26.3138, 3.6878, 5.3499

Details

The Hex color **5A4640** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **40545A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8D7670**, and **2B1B16** is the 20% darker color. If you saturate the color by 10%, you get **5A3F37**, and if you desaturate by 10%, it is **5A4D49**.

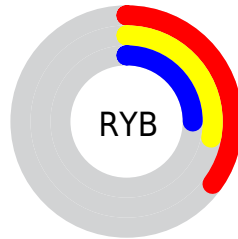
Distribution



 Red (35%)

 Green (27%)

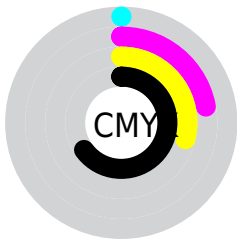
 Blue (25%)



 Red (35%)

 Yellow (28%)

 Blue (25%)

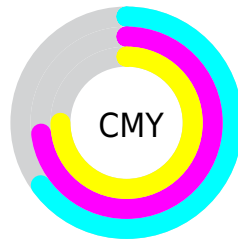


 Cyan (0%)

 Magenta (22%)

 Yellow (29%)

 Black (65%)



 Cyan (65%)

 Magenta (73%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4640 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 5A4640 by changing the saturation by 10% instead.

■ 5A4640

■ 5A4640

FFFFFF

■ 42302A

■ 8D7670

■ 2B1B16

■ A79089

■ 170000

■ C3AAA3

■ 000000

■ DFC6BE

■ FBE2DA

■ FFFE7

■ 5A4640

■ 5A4640

■ 5A3F37

■ 5A4D49

■ 5A382E

■ 5A5452

■ 5A3125

■ 5A5B5B

■ 5A2A1C

■ 5A6264

■ 5A2313

■ 5A696D

■ 5A1C0A

■ 5A7076

■ 5A1601

■ 5A767F

■ 5A1500

■ 5A7D88

■ 5A8491

Harmonies

Analogous

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



5B4547



5A4640



55483B

Triad

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



5A4640



3B4F45



464A5A

Complementary

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



5A4640



40545A

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.



3C4D59



5A4640



364F4E

Square

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



5A4640



444D3E



364E55



504756

Rectangle

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



5A4640



504A3B



364E55



424B5A

Sweetspot

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



5A4640



756D6B



5A4054



3B3634



BABABA



3B3B3B

Same Dimension

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



5A4640



75564C



5A5340



2E2A29



6E1900



ED3700

Inverse Universe

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



40545A



4C6C75



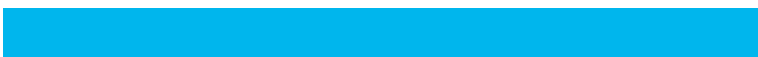
40475A



292D2E



00546E



00B6ED

Previews

White Background



This preview shows how the Hex color 5A4640 looks on a white background.

Color Contrast Check

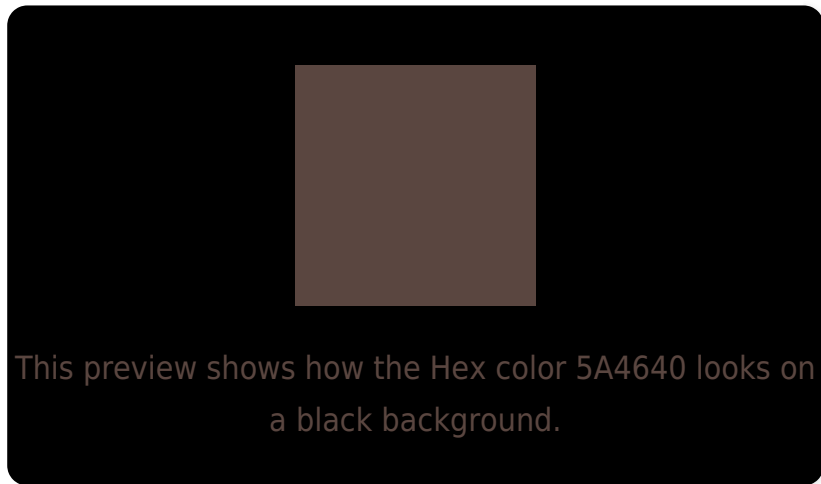
Large Text (above 18pt) WCAG AA ✓ Pass

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

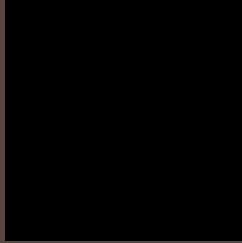
Any Text WCAG AA × Fail

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 5A4640 Background



This preview shows how black text looks on a background with the Hex color 5A4640.

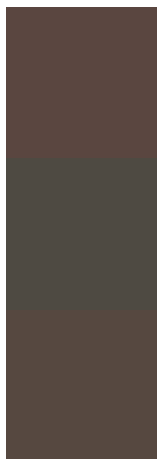


This preview shows how white text looks on a background with the Hex color 5A4640.

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


5A4640

Protanopia

4E4A42

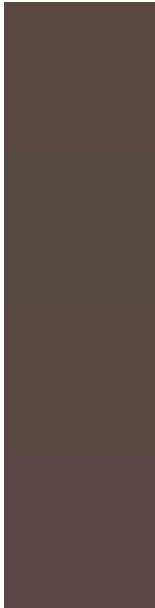
Deuteranopia

564840



Tritanopia
5B454A

Trichromacy



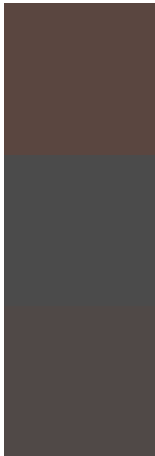
Original Color
5A4640

Protanomaly
524941

Deuteranomaly
574740

Tritanomaly
5B4546

Monochromacy



Original Color
5A4640

Achromatopsia
4B4B4B

Achromatomaly
504947

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4640 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 #5A4640 looks like.

```
.text, #text, p{  
    color:#5A4640  
}
```

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 #5A4640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4640
}
```

Border

The CSS property to change the border of an element to Hex 5A4640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

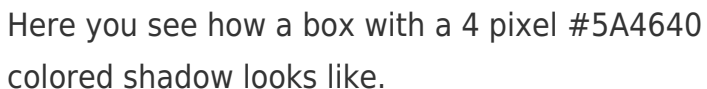
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A4640 }
```

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

```
.border{ border-color:#5A4640 }
```

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



Here you see how a box with a 4 pixel #5A4640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4640; -webkit-box-shadow:4px 4px  
4px 4px #5A4640; box-shadow:4px 4px 4px  
4px #5A4640 }
```

Background

The CSS property to change the background color of an element to Hex 5A4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4640 }
```

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

```
.background{ background-color:#5A4640 }
```

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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