

Converting Colors

Hex(5A3C46)

Have a look what the booklet for
Hex(5A3C46) contains.

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Color

Hex(5A3C46)

Conversions

Conversions Part 1

Format	Color
Hex	5A3C46
RGB	90, 60, 70
RGB Percent	35%, 24%, 27%
CMY	0.6471, 0.7647, 0.7255
CMYK	0.00, 0.33, 0.22, 0.65
HSL	340°, 20%, 29%
HSV	340°, 33%, 35%
XYZ	6.9378, 5.8476, 6.5574
YIQ	70.1100, 14.6700, 9.4700

Conversions

Conversions Part 2

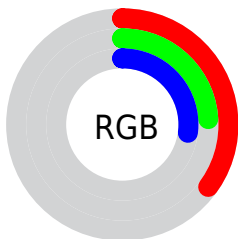
Format	Color
R_{YB}	90, 60, 70
Decimal	5913670
CIE Lab	29.02, 14.89, -0.77
CIE LCh	29, 14.909, 357.055
Yxy	5.8476, 0.3587, 0.3023
Android (android.graphics.Color)	4284103750 (0xFF5A3C46)
YUV	70.1100, -0.0542, 17.4435
Hunter-Lab	24.1818, 8.8940, 0.8495

Details

The Hex color **5A3C46** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C5A50**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8D6C76**, and **2B111B** is the 20% darker color. If you saturate the color by 10%, you get **5A3340**, and if you desaturate by 10%, it is **5A454C**.

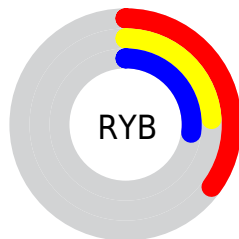
Distribution



Red (35%)

Green (24%)

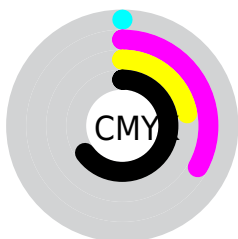
Blue (27%)



Red (35%)

Yellow (24%)

Blue (27%)

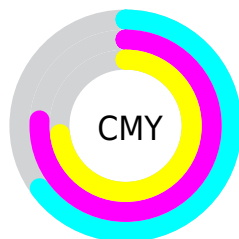


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (65%)



Cyan (65%)

Magenta (76%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3C46 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 5A3C46 by changing the saturation by 10% instead.



5A3C46



5A3C46

FFFFFF



422630



8D6C76



2B111B



A78590



170000



C39FAA



000000



DFBAC6



FCD6E2



FFF3FE



5A3C46



5A3C46



5A3340



5A454C

■ 5A2A3A

■ 5A4E52

■ 5A2134

■ 5A5758

■ 5A182E

■ 5A605E

■ 5A0F28

■ 5A6964

■ 5A0622

■ 5A726A

■ 5A001E

■ 5A7B70

■ 5A8476

■ 5A8D7C

Harmonies

Analogous

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



523E51



5A3C46



5B3D3A

Triad

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



5A3C46



424730



254957

Complementary

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



5A3C46



3C5A50

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.



214B4E



5A3C46



344938

Square

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



5A3C46



4E432D



284B43



34465B

Rectangle

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



5A3C46



593E34



284B43



224A55

Sweetspot

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



5A3C46



756A6D



503C5A



3B3436



BABABA



3B3B3B

Same Dimension

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



5A3C46



754656



5A413C



2E292B



6E0025



ED004F

Inverse Universe

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



5A3C46



754656



3C555A



2E292B



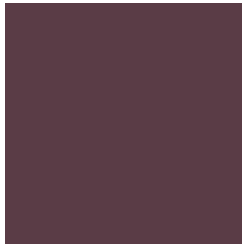
6E0025



ED004F

Previews

White Background



This preview shows how the Hex color 5A3C46 looks on a white background.

Color Contrast Check

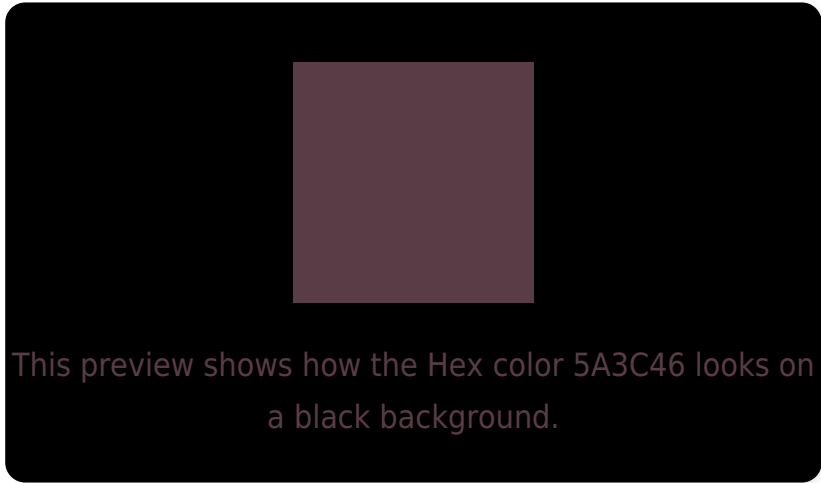
Large Text (above 18pt) WCAG AA ✓ Pass

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

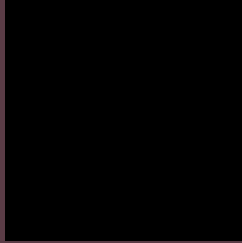
Any Text WCAG AA × Fail

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 5A3C46 Background



This preview shows how black text looks on a background with the Hex color 5A3C46.



This preview shows how white text looks on a background with the Hex color 5A3C46.

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
5A3C46

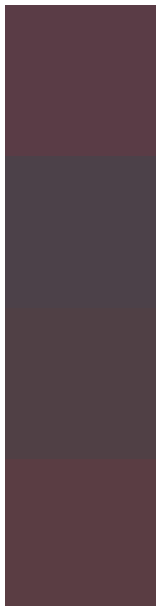
Protanopia
44444B

Deuteranopia
4B4345



Tritanopia
5A3D41

Trichromacy



Original Color

5A3C46

Protanomaly

4C4149

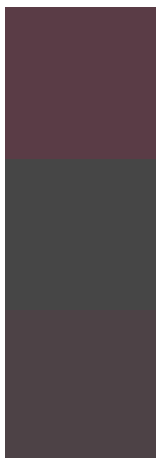
Deuteranomaly

504045

Tritanomaly

5A3D43

Monochromacy



Original Color

5A3C46

Achromatopsia

464646

Achromatomaly

4D4246

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3C46 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 #5A3C46 looks like.

```
.text, #text, p{  
    color:#5A3C46  
}
```

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 #5A3C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3C46
}
```

Border

The CSS property to change the border of an element to Hex 5A3C46 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".

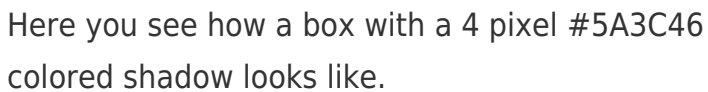
```
.border, #border, table{ border:4px solid
#5A3C46 }
```

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

```
.border{ border-color:#5A3C46 }
```

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

Here you see how a box with a 4 pixel #5A3C46 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border. Below the box, there is a thick dark blue shadow that is 4 pixels wide and 4 pixels high, extending to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3C46; -webkit-box-shadow:4px 4px  
4px 4px #5A3C46; box-shadow:4px 4px 4px  
4px #5A3C46 }
```

Background

The CSS property to change the background color of an element to Hex 5A3C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3C46 }
```

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

```
.background{ background-color:#5A3C46 }
```

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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