

Converting Colors

Hex(5B3A44)

Have a look what the booklet for
Hex(5B3A44) contains.

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Color

Hex(5B3A44)

Conversions

Conversions Part 1

Format	Color
Hex	5B3A44
RGB	91, 58, 68
RGB Percent	36%, 23%, 27%
CMY	0.6431, 0.7725, 0.7333
CMYK	0.00, 0.36, 0.25, 0.64
HSL	342°, 22%, 29%
HSV	342°, 36%, 36%
XYZ	6.8708, 5.6676, 6.2007
YIQ	69.0070, 16.4580, 10.1060

Conversions

Conversions Part 2

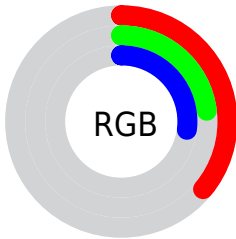
Format	Color
R_{YB}	91, 58, 68
Decimal	5978692
CIE Lab	28.56, 16.23, -0.12
CIE LCh	29, 16.227, 359.567
Yxy	5.6676, 0.3667, 0.3024
Android (android.graphics.Color)	4284168772 (0xFF5B3A44)
YUV	69.0070, -0.4965, 19.2879
Hunter-Lab	23.8068, 9.8548, 1.2221

Details

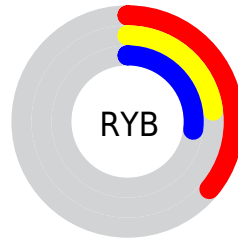
The Hex color **5B3A44** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3A5B51**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8E6A74**, and **2C0F19** is the 20% darker color. If you saturate the color by 10%, you get **5B313E**, and if you desaturate by 10%, it is **5B434A**.

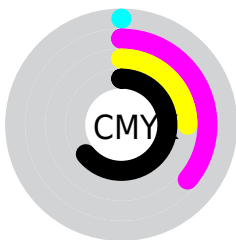
Distribution



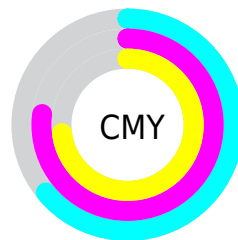
- Red (36%)
- Green (23%)
- Blue (27%)



- Red (36%)
- Yellow (23%)
- Blue (27%)



- Cyan (0%)
- Magenta (36%)
- Yellow (25%)
- Black (64%)



- Cyan (64%)
- Magenta (77%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3A44 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 5B3A44 by changing the saturation by 10% instead.



5B3A44



5B3A44

FFFFFF



43242E



8E6A74



2C0F19



A9838E



160000



C49DA8



000000



E0B8C3



FDD4DF



FFF0FC



5B3A44



5B3A44



5B313E



5B434A

■ 5B2837

■ 5B4C51

■ 5B1F31

■ 5B5557

■ 5B162B

■ 5B5E5D

■ 5B0C24

■ 5B6864

■ 5B031E

■ 5B716A

■ 5B001C

■ 5B7A70

■ 5B8377

■ 5B8C7D

Harmonies

Analogous

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



533C50



5B3A44



5C3B38

Triad

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



5B3A44



3F462D



214859

Complementary

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



5B3A44



3A5B51

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.



1A4A4F



5B3A44



304936

Square

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



5B3A44



4C422A



224A43



32455C

Rectangle

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



5B3A44



593D31



224A43



1D4956

Sweetspot

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



5B3A44



75686C



513A5B



3B3335



BABABA



3B3B3B

Same Dimension

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



5B3A44



754251



5B403A



2E292B



6E0021



ED0048

Inverse Universe

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



5B3A44



754251



3A555B



2E292B



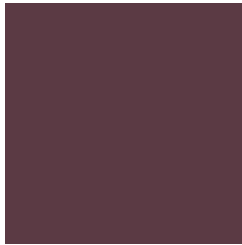
6E0021



ED0048

Previews

White Background



This preview shows how the Hex color 5B3A44 looks on a white background.

Color Contrast Check

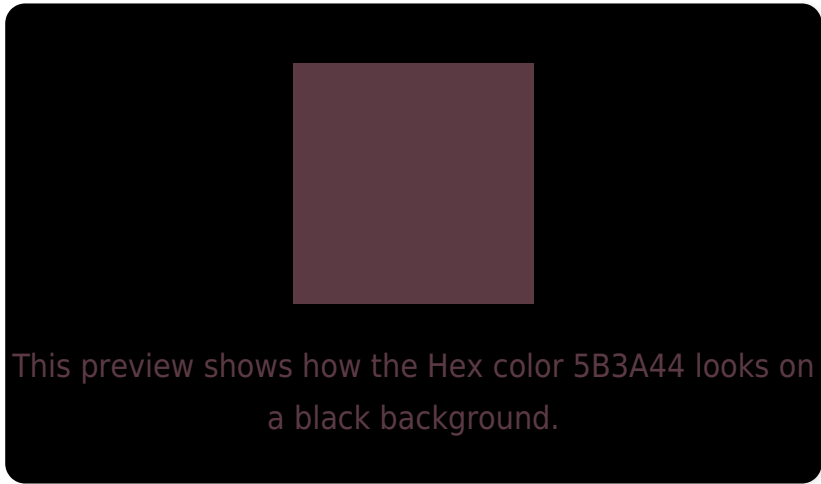
Large Text (above 18pt) WCAG AA ✓ Pass

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

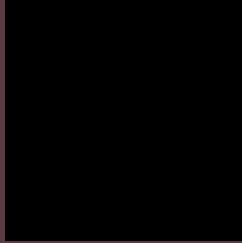
Any Text WCAG AA × Fail

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 5B3A44 Background



This preview shows how black text looks on a background with the Hex color 5B3A44.



This preview shows how white text looks on a background with the Hex color 5B3A44.

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](#).

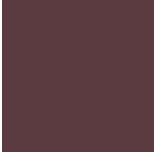
Dichromacy



Original Color
5B3A44

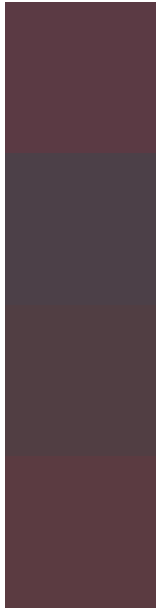
Protanopia
43434A

Deuteranopia
4B4143



Tritanopia
5B3B3F

Trichromacy



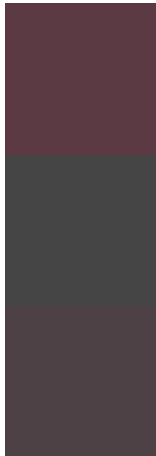
Original Color
5B3A44

Protanomaly
4C4048

Deuteranomaly
513E43

Tritanomaly
5B3B41

Monochromacy



Original Color
5B3A44

Achromatopsia
454545

Achromatomaly
4D4145

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3A44 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 #5B3A44 looks like.

```
.text, #text, p{  
    color:#5B3A44  
}
```

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 #5B3A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3A44
}
```

Border

The CSS property to change the border of an element to Hex 5B3A44 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".

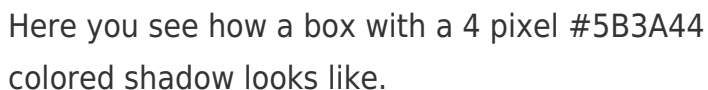
```
.border, #border, table{ border:4px solid
#5B3A44 }
```

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

```
.border{ border-color:#5B3A44 }
```

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

Here you see how a box with a 4 pixel #5B3A44 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 extends to the right and down, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3A44; -webkit-box-shadow:4px 4px  
4px 4px #5B3A44; box-shadow:4px 4px 4px  
4px #5B3A44 }
```

Background

The CSS property to change the background color of an element to Hex 5B3A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3A44 }
```

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

```
.background{ background-color:#5B3A44 }
```

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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