

# Converting Colors

Hex(5B3E48)

Have a look what the booklet for  
Hex(5B3E48) contains.

<b>Hex(5B3E48)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(5B3E48)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B3E48
RGB	91, 62, 72
RGB Percent	36%, 24%, 28%
CMY	0.6431, 0.7569, 0.7176
CMYK	0.00, 0.32, 0.21, 0.64
HSL	339°, 19%, 30%
HSV	339°, 32%, 36%
XYZ	7.2067, 6.1373, 6.9357
YIQ	71.8110, 14.0740, 9.2580

# Conversions

## Conversions Part 2

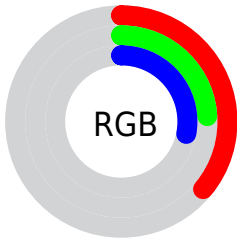
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 62, 72
Decimal	5979720
CIELab	29.76, 14.40, -0.98
CIElCh	30, 14.435, 356.091
Yxy	6.1373, 0.3554, 0.3026
Android (android.graphics.Color)	4284169800 (0xFF5B3E48)
YUV	71.8110, 0.0932, 16.8288
Hunter-Lab	24.7735, 8.5726, 0.7425

# Details

The Hex color **5B3E48** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E5B51**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8E6E78**, and **2C131D** is the 20% darker color. If you saturate the color by 10%, you get **5B3542**, and if you desaturate by 10%, it is **5B474E**.

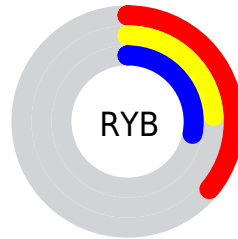
# Distribution



 Red (36%)

 Green (24%)

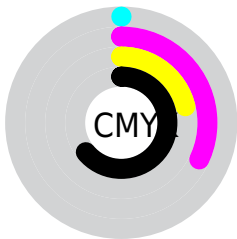
 Blue (28%)



 Red (36%)

 Yellow (24%)

 Blue (28%)

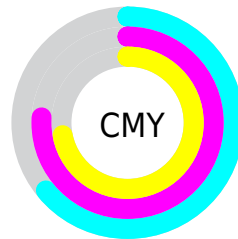


 Cyan (0%)

 Magenta (32%)

 Yellow (21%)

 Black (64%)



 Cyan (64%)

 Magenta (76%)

 Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B3E48 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 5B3E48 by changing the saturation by 10% instead.





5B3E48



5B3E48

FFFFFF



432832



8E6E78



2C131D



A88792



1A0002



C4A2AD



000000



E0BDC8



FDD8E4



FFF5FF



5B3E48



5B3E48



5B3542



5B474E

 5B2C3C

 5B5054

 5B2336

 5B595A

 5B1A30

 5B6260

 5B112A

 5B6C66

 5B0724

 5B756C

 5B001F

 5B7E72

 5B8778

 5B907E

# Harmonies

## Analogous

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



534053



5B3E48



5D3E3D

# Triad

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



5B3E48



444832



284B58

# Complementary

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



5B3E48



3E5B51

# 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.



244C50



5B3E48



374B39

# Square

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



5B3E48



504530



2B4C44



36485C

# Rectangle

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



5B3E48



5A4036



2B4C44



264B56



# Sweetspot

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



5B3E48



756A6E



513E5B



3B3436



BABABA



3B3B3B



# Same Dimension

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



5B3E48



754958



5B423E



2E292B



6E0026



ED0052



# Inverse Universe

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



5B3E48



754958



3E575B



2E292B



6E0026

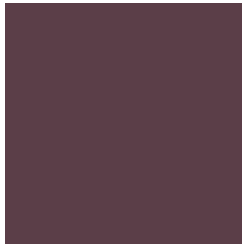


ED0052



# Previews

## White Background



This preview shows how the Hex color 5B3E48 looks on a white background.

## Color Contrast Check

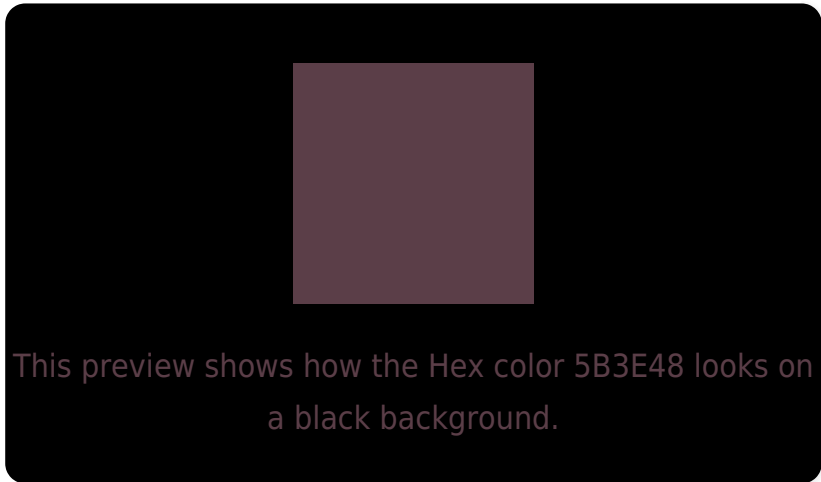
Large Text (above 18pt) WCAG AA ✓ Pass

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

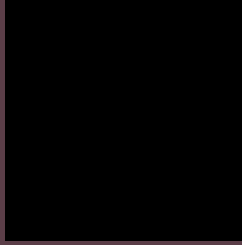
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B3E48 Background



This preview shows how black text looks on a background with the Hex color 5B3E48.



This preview shows how white text looks on a background with the Hex color 5B3E48.

# 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**  
5B3E48

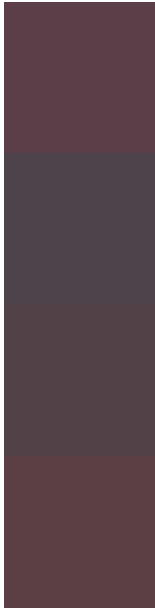
**Protanopia**  
46464D

**Deuteranopia**  
4D4447



**Tritanopia**  
5B3F44

# Trichromacy



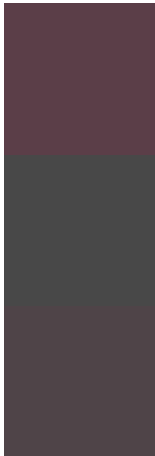
**Original Color**  
5B3E48

**Protanomaly**  
4E434B

**Deuteranomaly**  
524247

**Tritanomaly**  
5B3F45

# Monochromacy



**Original Color**  
5B3E48

**Achromatopsia**  
484848

**Achromatomaly**  
4F4448

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B3E48 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 #5B3E48 looks like.

```
.text, #text, p{  
    color:#5B3E48  
}
```

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 #5B3E48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3E48
}
```

## Border

The CSS property to change the border of an element to Hex 5B3E48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

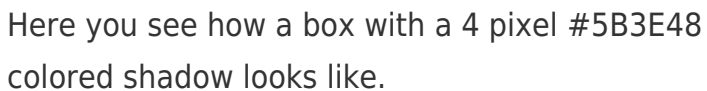
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B3E48 }
```

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

```
.border{ border-color:#5B3E48 }
```

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



Here you see how a box with a 4 pixel #5B3E48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3E48; -webkit-box-shadow:4px 4px  
4px 4px #5B3E48; box-shadow:4px 4px 4px  
4px #5B3E48 }
```

# Background

The CSS property to change the background color of an element to Hex 5B3E48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3E48 }
```

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

```
.background{ background-color:#5B3E48 }
```

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