

Converting Colors

Hex(4B3E38)

Have a look what the booklet for
Hex(4B3E38) contains.

Hex(4B3E38)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B3E38)

Conversions

Conversions Part 1

Format	Color
Hex	4B3E38
RGB	75, 62, 56
RGB Percent	29%, 24%, 22%
CMY	0.7059, 0.7569, 0.7804
CMYK	0.00, 0.17, 0.25, 0.71
HSL	19°, 15%, 26%
HSV	19°, 25%, 29%
XYZ	5.3381, 5.2266, 4.4689
YIQ	65.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

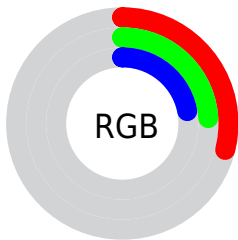
Format	Color
R_YB	75, 65, 56
Decimal	4931128
CIE Lab	27.37, 4.53, 5.79
CIE LCh	27, 7.354, 51.929
Yxy	5.2266, 0.3551, 0.3477
Android (android.graphics.Color)	4283121208 (0xFF4B3E38)
YUV	65.2030, -4.5371, 8.5920
Hunter-Lab	22.8618, 1.6704, 4.4137

Details

The Hex color **4B3E38** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38454B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7C6D67**, and **1F140D** is the 20% darker color. If you saturate the color by 10%, you get **4B3931**, and if you desaturate by 10%, it is **4B4340**.

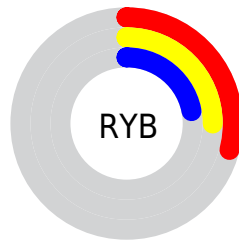
Distribution



Red (29%)

Green (24%)

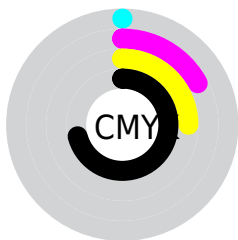
Blue (22%)



Red (29%)

Yellow (25%)

Blue (22%)

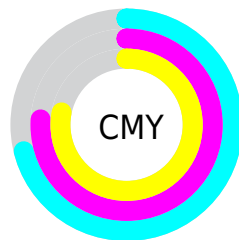


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (71%)



Cyan (71%)

Magenta (76%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3E38 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 4B3E38 by changing the saturation by 10% instead.



4B3E38



4B3E38

FFFFFF



342823



7C6D67



1F140D



968780



000000



B1A19A



CCBCB5



E9D8D0



FFF4EC



4B3E38



4B3E38



4B3931



4B4340

■ 4B3429

■ 4B4847

■ 4B2F22

■ 4B4D4F

■ 4B291A

■ 4B5356

■ 4B2412

■ 4B585E

■ 4B1F0B

■ 4B5D65

■ 4B1A03

■ 4B626D

■ 4B1800

■ 4B6774

■ 4B6C7B

Harmonies

Analogous

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



4D3D3D



4B3E38



474036

Triad

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



4B3E38



35443F



40404B

Complementary

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



4B3E38



38454B

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.



39424C



4B3E38



324445

Square

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



4B3E38



3A433A



344349



473E48

Rectangle

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



4B3E38



434136



344349



3D404C

Sweetspot

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



4B3E38



615C59



4B3845



302D2C



B0B0B0



303030

Same Dimension

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



4B3E38



614D44



4B4738



262422



662000



E64800

Inverse Universe

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



38454B



445861



383C4B



222526



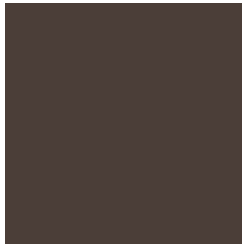
004666



009DE6

Previews

White Background



This preview shows how the Hex color 4B3E38 looks on a white background.

Color Contrast Check

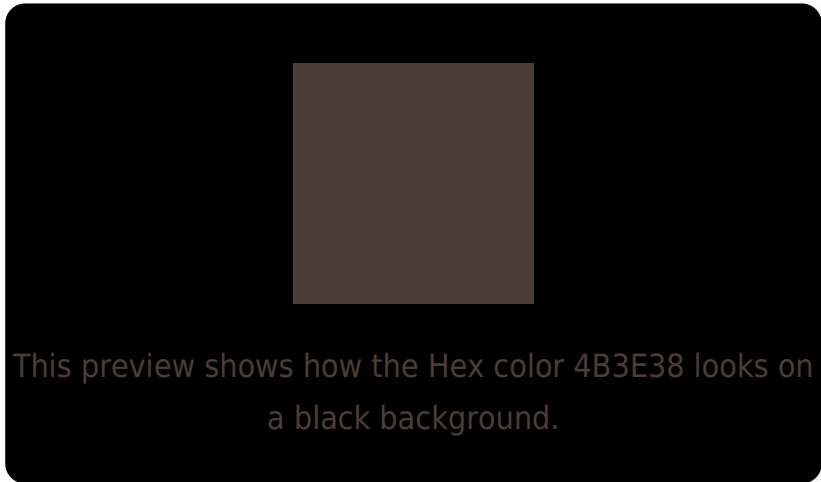
Large Text (above 18pt) WCAG AA ✓ Pass

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

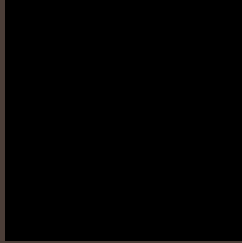
Any Text WCAG AA × Fail

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 4B3E38 Background



This preview shows how black text looks on a background with the Hex color 4B3E38.

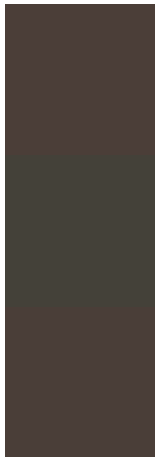


This preview shows how white text looks on a background with the Hex color 4B3E38.

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
4B3E38

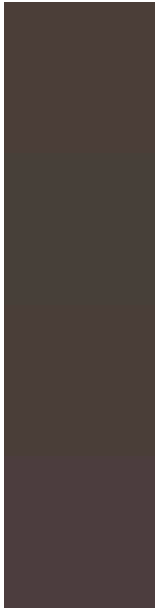
Protanopia
444139

Deuteranopia
4A3E38



Tritanopia
4C3D41

Trichromacy



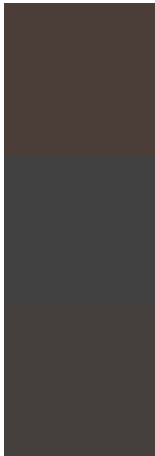
Original Color
4B3E38

Protanomaly
474039

Deuteranomaly
4A3E38

Tritanomaly
4C3D3E

Monochromacy



Original Color
4B3E38

Achromatopsia
414141

Achromatomaly
45403E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3E38 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 #4B3E38 looks like.

```
.text, #text, p{  
    color:#4B3E38  
}
```

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 #4B3E38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3E38  
}
```

Border

The CSS property to change the border of an element to Hex 4B3E38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

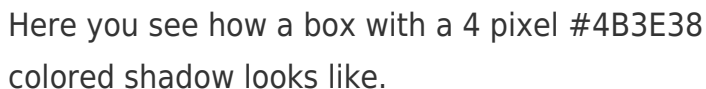
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4B3E38 }
```

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

```
.border{ border-color:#4B3E38 }
```

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



Here you see how a box with a 4 pixel #4B3E38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3E38; -webkit-box-shadow:4px 4px  
4px 4px #4B3E38; box-shadow:4px 4px 4px  
4px #4B3E38 }
```

Background

The CSS property to change the background color of an element to Hex 4B3E38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3E38 }
```

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

```
.background{ background-color:#4B3E38 }
```

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