

Converting Colors

Hex(4A3837)

Have a look what the booklet for
Hex(4A3837) contains.

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Color

Hex(4A3837)

Conversions

Conversions Part 1

Format	Color
Hex	4A3837
RGB	74, 56, 55
RGB Percent	29%, 22%, 22%
CMY	0.7098, 0.7804, 0.7843
CMYK	0.00, 0.24, 0.26, 0.71
HSL	3°, 15%, 25%
HSV	3°, 26%, 29%
XYZ	4.9278, 4.5600, 4.2349
YIQ	61.2680, 11.0490, 3.5050

Conversions

Conversions Part 2

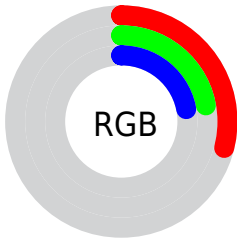
Format	Color
R_{YB}	74, 56, 55
Decimal	4864055
CIE Lab	25.44, 7.81, 3.69
CIE LCh	25, 8.637, 25.293
Yxy	4.5600, 0.3591, 0.3323
Android (android.graphics.Color)	4283054135 (0xFF4A3837)
YUV	61.2680, -3.0901, 11.1660
Hunter-Lab	21.3542, 3.8216, 3.1898

Details

The Hex color **4A3837** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37494A**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7B6766**, and **1F0D0B** is the 20% darker color. If you saturate the color by 10%, you get **4A3130**, and if you desaturate by 10%, it is **4A3F3E**.

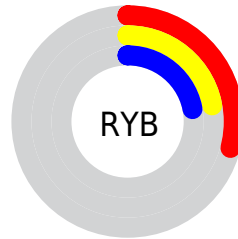
Distribution



Red (29%)

Green (22%)

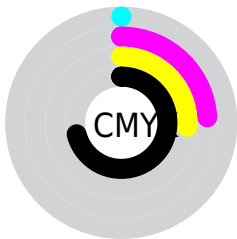
Blue (22%)



Red (29%)

Yellow (22%)

Blue (22%)

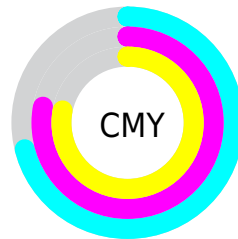


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (71%)



Cyan (71%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A3837 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 4A3837 by changing the saturation by 10% instead.



4A3837



4A3837

FFFFFF



332222



7B6766



1F0D0B



95807F



000000



B09A99



CBB5B3



E8D0CF



FFEDEB



4A3837



4A3837



4A3130



4A3F3E

■ 4A2A28

■ 4A4646

■ 4A2321

■ 4A4D4D

■ 4A1C19

■ 4A5455

■ 4A1512

■ 4A5B5C

■ 4A0E0B

■ 4A6263

■ 4A0703

■ 4A696B

■ 4A0400

■ 4A7072

■ 4A777A

Harmonies

Analogous

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



49383E



4A3837



483932

Triad

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



4A3837



343F35



343D49

Complementary

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



4A3837



37494A

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.



2D3F47



4A3837



2E403B

Square

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



4A3837



3B3E30



2B4042



3C3B48

Rectangle

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



4A3837



443B30



2B4042



313E49

Sweetspot

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



4A3837



615A59



4A3749



302C2C



B0B0B0



303030

Same Dimension

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



4A3837



614443



4A4137



262322



660500



E60C00

Inverse Universe

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



37494A



435F61



37404A



222626



006166



00D9E6

Previews

White Background



This preview shows how the Hex color 4A3837 looks on a white background.

Color Contrast Check

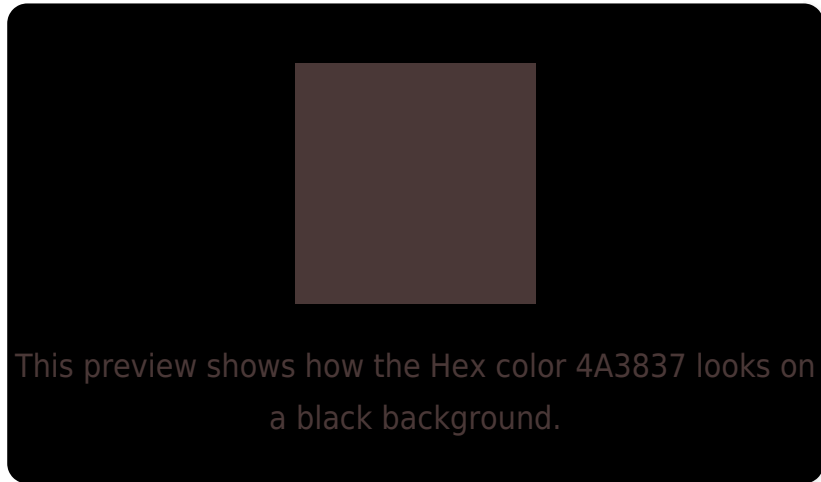
Large Text (above 18pt) WCAG AA ✓ Pass

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

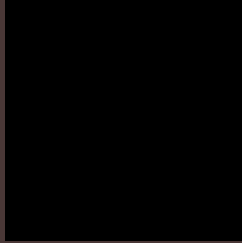
Any Text WCAG AA × Fail

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 4A3837 Background



This preview shows how black text looks on a background with the Hex color 4A3837.

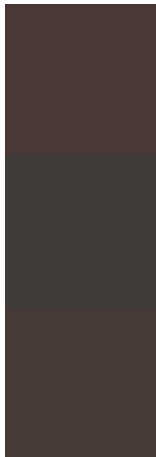


This preview shows how white text looks on a background with the Hex color 4A3837.

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
4A3837

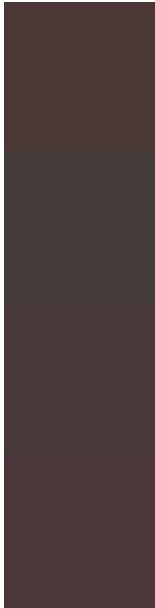
Protanopia
3E3C39

Deuteranopia
443A37



Tritanopia
4B373C

Trichromacy



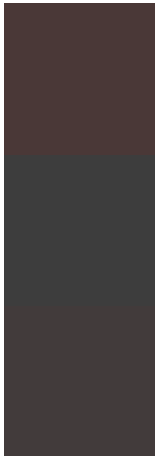
Original Color
4A3837

Protanomaly
423B38

Deuteranomaly
463937

Tritanomaly
4B373A

Monochromacy



Original Color
4A3837

Achromatopsia
3D3D3D

Achromatomaly
423B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A3837 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 #4A3837 looks like.

```
.text, #text, p{  
    color:#4A3837  
}
```

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 #4A3837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A3837  
}
```

Border

The CSS property to change the border of an element to Hex 4A3837 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  
#4A3837 }
```

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

```
.border{ border-color:#4A3837 }
```

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

Here you see how a box with a 4 pixel #4A3837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A3837; -webkit-box-shadow:4px 4px  
4px 4px #4A3837; box-shadow:4px 4px 4px  
4px #4A3837 }
```

Background

The CSS property to change the background color of an element to Hex 4A3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A3837 }
```

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

```
.background{ background-color:#4A3837 }
```

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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