

Converting Colors

Hex(4A4838)

Have a look what the booklet for
Hex(4A4838) contains.

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Color

Hex(4A4838)

Conversions

Conversions Part 1

Format	Color
Hex	4A4838
RGB	74, 72, 56
RGB Percent	29%, 28%, 22%
CMY	0.7098, 0.7176, 0.7804
CMYK	0.00, 0.03, 0.24, 0.71
HSL	53°, 14%, 25%
HSV	53°, 24%, 29%
XYZ	5.8552, 6.3761, 4.6635
YIQ	70.7740, 6.3280, -4.5520

Conversions

Conversions Part 2

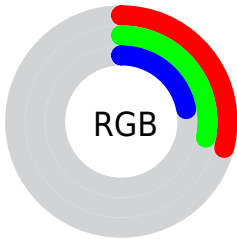
Format	Color
RYB	58, 74, 56
Decimal	4868152
CIELab	30.34, -2.28, 9.92
CIElCh	30, 10.183, 102.933
Yxy	6.3761, 0.3466, 0.3774
Android (android.graphics.Color)	4283058232 (0xFF4A4838)
YUV	70.7740, -7.2836, 2.8292
Hunter-Lab	25.2509, -2.7984, 6.7256

Details

The Hex color **4A4838** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **383A4A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7B7867**, and **1E1D0D** is the 20% darker color. If you saturate the color by 10%, you get **4A4731**, and if you desaturate by 10%, it is **4A493F**.

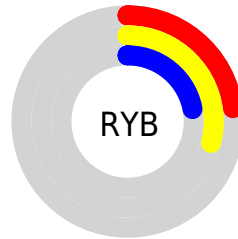
Distribution



Red (29%)

Green (28%)

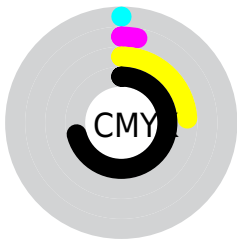
Blue (22%)



Red (23%)

Yellow (29%)

Blue (22%)

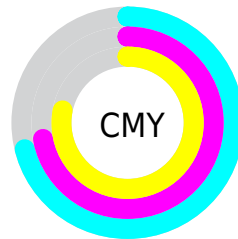


Cyan (0%)

Magenta (3%)

Yellow (24%)

Black (71%)



Cyan (71%)

Magenta (72%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4838 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 4A4838 by changing the saturation by 10% instead.



4A4838



4A4838

FFFFFF



333222



7B7867



1E1D0D



959280



000200



AFAD9A



000000



CBC8B5



E7E4D0



FFFFED



4A4838



4A4838



4A4731



4A493F

■ 4A4629

■ 4A4A47

■ 4A4622

■ 4A4A4E

■ 4A451A

■ 4A4B56

■ 4A4413

■ 4A4C5D

■ 4A430C

■ 4A4D64

■ 4A4204

■ 4A4E6C

■ 4A4200

■ 4A4F73

■ 4A4F7B

Harmonies

Analogous

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



524538



4A4838



414A3C

Triad

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



4A4838



334B52



55424C

Complementary

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



4A4838



383A4A

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.



4D4453



4A4838



394A56

Square

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



4A4838



334C4B



434757



584244

Rectangle

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



4A4838



3B4B40



434757



52434F

Sweetspot

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



4A4838



61605A



4A383A



30302D



B0B0B0



303030

Same Dimension

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



4A4838



615E45



434A38



262622



665B00



E6CC00

Inverse Universe

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



383A4A



454861



3F384A



222326



000B66



001AE6

Previews

White Background



This preview shows how the Hex color 4A4838 looks on a white background.

Color Contrast Check

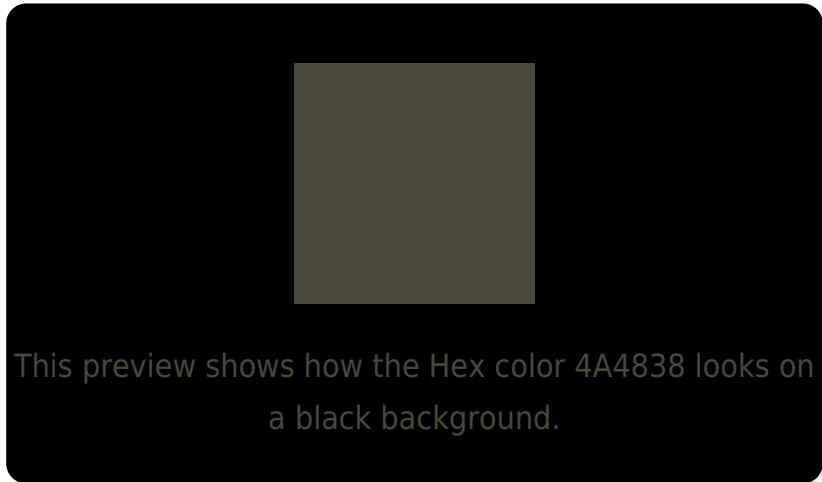
Large Text (above 18pt) WCAG AA ✓ Pass

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

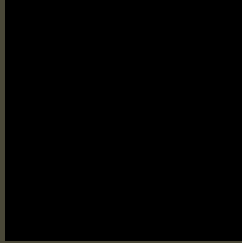
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

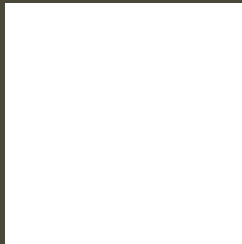
Any Text WCAG AAA × Fail

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

Hex 4A4838 Background



This preview shows how black text looks on a background with the Hex color 4A4838.

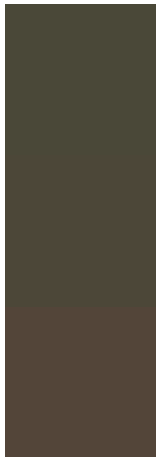


This preview shows how white text looks on a background with the Hex color 4A4838.

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
4A4838

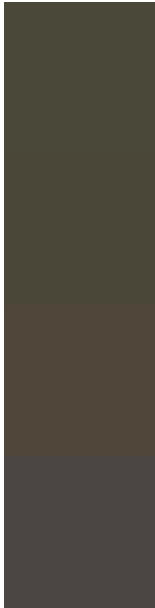
Protanopia
4C4738

Deuteranopia
534539



Tritanopia
4C454B

Trichromacy



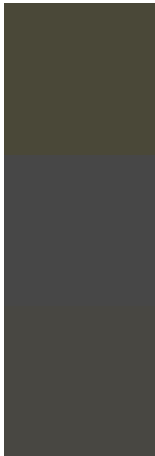
Original Color
4A4838

Protanomaly
4B4738

Deuteranomaly
504639

Tritanomaly
4B4644

Monochromacy



Original Color
4A4838

Achromatopsia
474747

Achromatomaly
484742

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4838 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 #4A4838 looks like.

```
.text, #text, p{  
    color:#4A4838  
}
```

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 #4A4838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4838
}
```

Border

The CSS property to change the border of an element to Hex 4A4838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

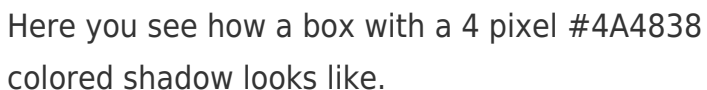
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4838 }
```

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

```
.border{ border-color:#4A4838 }
```

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



Here you see how a box with a 4 pixel #4A4838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4838; -webkit-box-shadow:4px 4px  
4px 4px #4A4838; box-shadow:4px 4px 4px  
4px #4A4838 }
```

Background

The CSS property to change the background color of an element to Hex 4A4838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4838 }
```

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

```
.background{ background-color:#4A4838 }
```

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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