

Converting Colors

Hex(4B4831)

Have a look what the booklet for
Hex(4B4831) contains.

Hex(4B4831)	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(4B4831)

Conversions

Conversions Part 1

Format	Color
Hex	4B4831
RGB	75, 72, 49
RGB Percent	29%, 28%, 19%
CMY	0.7059, 0.7176, 0.8078
CMYK	0.00, 0.04, 0.35, 0.71
HSL	53°, 21%, 24%
HSV	53°, 35%, 29%
XYZ	5.7734, 6.3523, 3.8276
YIQ	70.2750, 9.1710, -6.5170

Conversions

Conversions Part 2

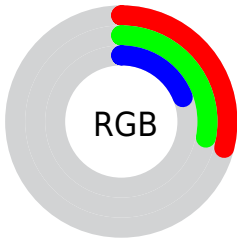
Format	Color
R_{YB}	52, 75, 49
Decimal	4933681
CIE Lab	30.28, -2.95, 14.28
CIE LCh	30, 14.587, 101.687
Yxy	6.3523, 0.3619, 0.3982
Android (android.graphics.Color)	4283123761 (0xFF4B4831)
YUV	70.2750, -10.4886, 4.1438
Hunter-Lab	25.2038, -3.2181, 8.6387

Details

The Hex color **4B4831** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31344B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7C785F**, and **1F1D02** is the 20% darker color. If you saturate the color by 10%, you get **4B472A**, and if you desaturate by 10%, it is **4B4939**.

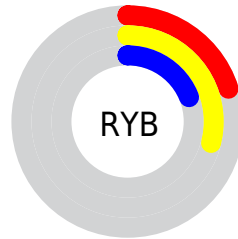
Distribution



Red (29%)

Green (28%)

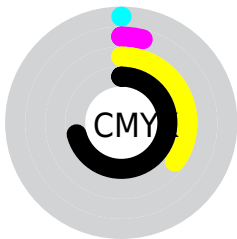
Blue (19%)



Red (20%)

Yellow (29%)

Blue (19%)

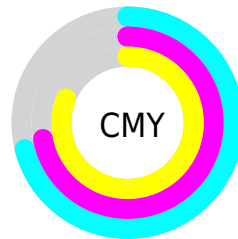


Cyan (0%)

Magenta (4%)

Yellow (35%)

Black (71%)



Cyan (71%)

Magenta (72%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4831 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 4B4831 by changing the saturation by 10% instead.



4B4831



4B4831

FFFFFF



34321C



7C785F



1F1D02



969278



000200



B1AD92



000000



CDC8AD



E9E4C8



FFFEE4



4B4831



4B4831



4B472A



4B4939

■ 4B4622

■ 4B4A40

■ 4B451B

■ 4B4B48

■ 4B4513

■ 4B4B4F

■ 4B440C

■ 4B4C57

■ 4B4304

■ 4B4D5E

■ 4B4200

■ 4B4E66

■ 4B4F6D

■ 4B5075

Harmonies

Analogous

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



564432



4B4831



3E4B36

Triad

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



4B4831



264D56



59404F

Complementary

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



4B4831



31344B

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.



4F4358



4B4831



304A5D

Square

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



4B4831



274E4B



3F475D



5E3F43

Rectangle

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



4B4831



364D3C



3F475D



564152

Sweetspot

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



4B4831



616057



4B3134



30302B



B0B0B0



303030

Same Dimension

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



4B4831



615C38



414B31



262622



665A00



E6CB00

Inverse Universe

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



31344B



383D61



3B314B



222326



000C66



001AE6

Previews

White Background



This preview shows how the Hex color 4B4831 looks on a white background.

Color Contrast Check

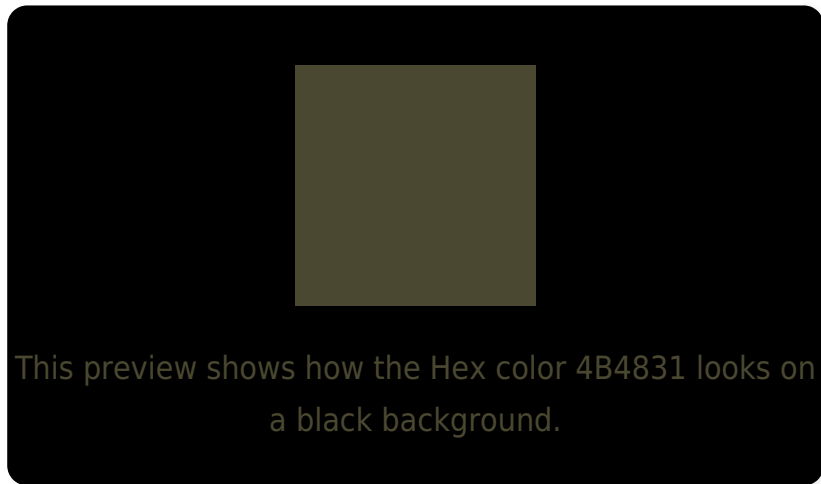
Large Text (above 18pt) WCAG AA ✓ Pass

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

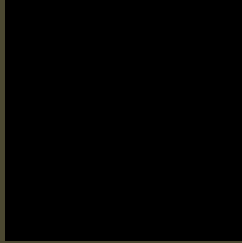
Any Text WCAG AA × Fail

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 4B4831 Background



This preview shows how black text looks on a background with the Hex color 4B4831.

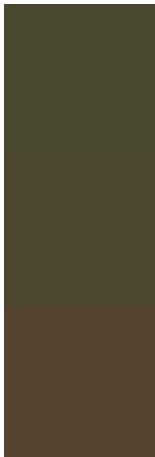


This preview shows how white text looks on a background with the Hex color 4B4831.

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](#).

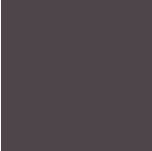
Dichromacy



Original Color
4B4831

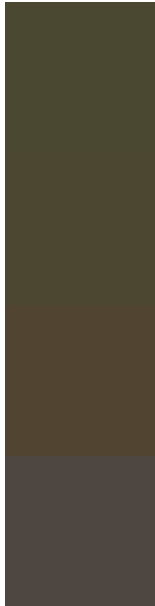
Protanopia
4D4731

Deuteranopia
554432



Tritanopia
4E454A

Trichromacy



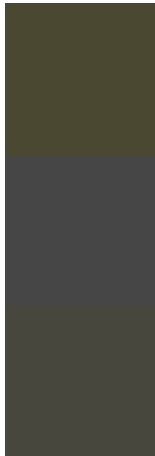
Original Color
4B4831

Protanomaly
4C4731

Deuteranomaly
514532

Tritanomaly
4D4641

Monochromacy



Original Color
4B4831

Achromatopsia
464646

Achromatomaly
48473E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4831 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 #4B4831 looks like.

```
.text, #text, p{  
    color:#4B4831  
}
```

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 #4B4831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4831
}
```

Border

The CSS property to change the border of an element to Hex 4B4831 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".

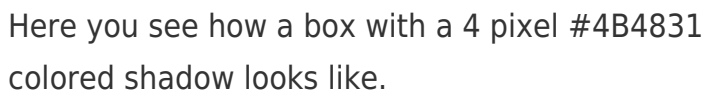
```
.border, #border, table{ border:4px solid
#4B4831 }
```

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

```
.border{ border-color:#4B4831 }
```

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

Here you see how a box with a 4 pixel #4B4831 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4831; -webkit-box-shadow:4px 4px  
4px 4px #4B4831; box-shadow:4px 4px 4px  
4px #4B4831 }
```

Background

The CSS property to change the background color of an element to Hex 4B4831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4831 }
```

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

```
.background{ background-color:#4B4831 }
```

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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