

Converting Colors

Hex(4D4833)

Have a look what the booklet for
Hex(4D4833) contains.

| | |
|--|----|
| Hex(4D4833) | 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(4D4833)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 4D4833 |
| RGB | 77, 72, 51 |
| RGB Percent | 30%, 28%, 20% |
| CMY | 0.6980, 0.7176, 0.8000 |
| CMYK | 0.00, 0.06, 0.34, 0.70 |
| HSL | 48°, 20%, 25% |
| HSV | 48°, 34%, 30% |
| XYZ | 5.9755, 6.4515, 4.0623 |
| YIQ | 71.1010, 9.7210, -5.4710 |

Conversions

Conversions Part 2

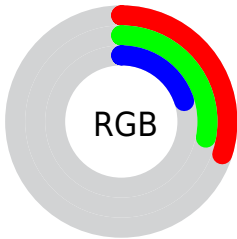
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 57, 77, 51 |
| Decimal | 5064755 |
| CIELab | 30.52, -1.72, 13.38 |
| CIElCh | 31, 13.495, 97.326 |
| Yxy | 6.4515, 0.3624, 0.3913 |
| Android (android.graphics.Color) | 4283254835 (0xFF4D4833) |
| YUV | 71.1010, -9.9098, 5.1734 |
| Hunter-Lab | 25.3999, -2.4565, 8.2974 |

Details

The Hex color **4D4833** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33384D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7E7862**, and **211D06** is the 20% darker color. If you saturate the color by 10%, you get **4D472B**, and if you desaturate by 10%, it is **4D493B**.

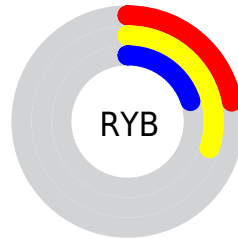
Distribution



Red (30%)

Green (28%)

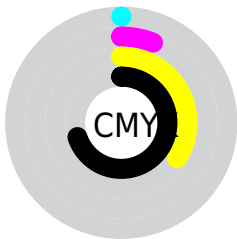
Blue (20%)



Red (22%)

Yellow (30%)

Blue (20%)

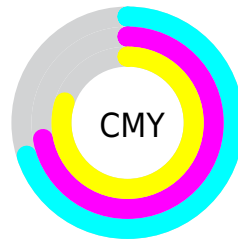


Cyan (0%)

Magenta (6%)

Yellow (34%)

Black (70%)



Cyan (70%)

Magenta (72%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D4833 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 4D4833 by changing the saturation by 10% instead.



4D4833



4D4833

FFFFFF



36321E



7E7862



211D06



98927A



000300



B3AD94



000000



CFC8AF



EBE4CA



FFFFE6



4D4833



4D4833



4D472B



4D493B

■ 4D4524

■ 4D4B42

■ 4D441C

■ 4D4C4A

■ 4D4214

■ 4D4E52

■ 4D410D

■ 4D4F5A

■ 4D3F05

■ 4D5161

■ 4D3E00

■ 4D5269

■ 4D5471

■ 4D5578

Harmonies

Analogous

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



574435



4D4833



414B37

Triad

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



4D4833



294D54



584150

Complementary

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



4D4833



33384D

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.



4D4459



4D4833



314B5B

Square

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



4D4833



2C4E4A



3F485D



5D4046

Rectangle

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



4D4833



394D3C



3F485D



554253

Sweetspot

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



4D4833



63625A



4D3338



33322D



B3B3B3



333333

Same Dimension

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



4D4833



635C3B



454D33



262622



665200



E6B900

Inverse Universe

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



33384D



3B4363



3B334D



222326



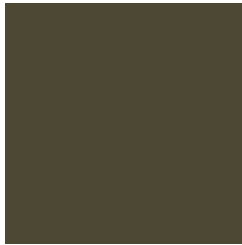
001466



002CE6

Previews

White Background



This preview shows how the Hex color 4D4833 looks on a white background.

Color Contrast Check

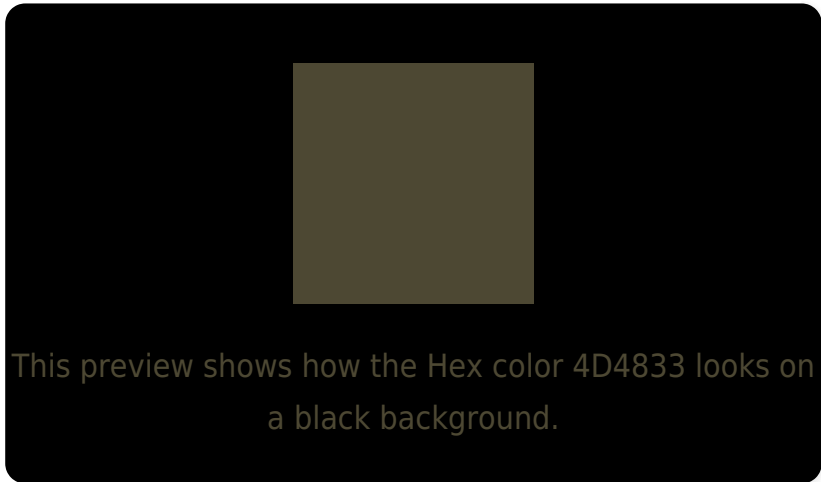
Large Text (above 18pt) WCAG AA ✓ Pass

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

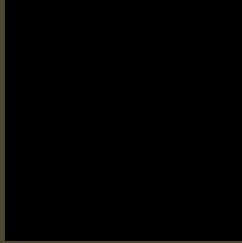
Any Text WCAG AA × Fail

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 4D4833 Background



This preview shows how black text looks on a background with the Hex color 4D4833.

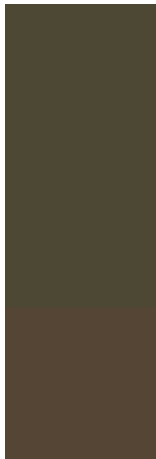


This preview shows how white text looks on a background with the Hex color 4D4833.

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](#).

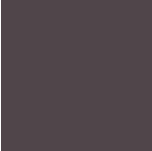
Dichromacy



Original Color
4D4833

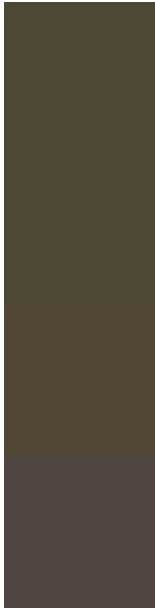
Protanopia
4D4833

Deuteranopia
554534



Tritanopia
50454A

Trichromacy



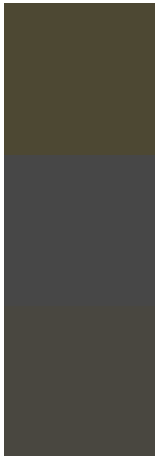
Original Color
4D4833

Protanomaly
4D4833

Deuteranomaly
524634

Tritanomaly
4F4642

Monochromacy



Original Color
4D4833

Achromatopsia
474747

Achromatomaly
494740

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D4833 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 #4D4833 looks like.

```
.text, #text, p{  
    color:#4D4833  
}
```

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 #4D4833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4833  
}
```

Border

The CSS property to change the border of an element to Hex 4D4833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

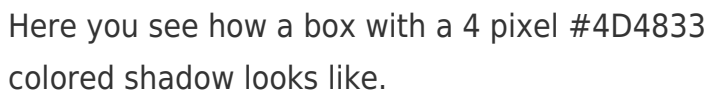
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4D4833 }
```

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

```
.border{ border-color:#4D4833 }
```

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



Here you see how a box with a 4 pixel #4D4833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4833; -webkit-box-shadow:4px 4px  
4px 4px #4D4833; box-shadow:4px 4px 4px  
4px #4D4833 }
```

Background

The CSS property to change the background color of an element to Hex 4D4833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4833 }
```

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

```
.background{ background-color:#4D4833 }
```

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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