

Converting Colors

Hex(4D4B31)

Have a look what the booklet for
Hex(4D4B31) contains.

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Color

Hex(4D4B31)

Conversions

Conversions Part 1

Format	Color
Hex	4D4B31
RGB	77, 75, 49
RGB Percent	30%, 29%, 19%
CMY	0.6980, 0.7059, 0.8078
CMYK	0.00, 0.03, 0.36, 0.70
HSL	56°, 22%, 25%
HSV	56°, 36%, 30%
XYZ	6.1310, 6.8317, 3.9012
YIQ	72.6340, 9.5380, -7.6620

Conversions

Conversions Part 2

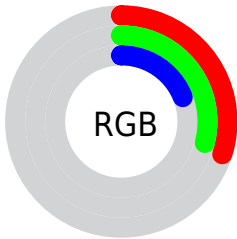
Format	Color
RYB	51, 77, 49
Decimal	5065521
CIELab	31.42, -3.87, 15.83
CIELCh	31, 16.293, 103.757
Yxy	6.8317, 0.3636, 0.4051
Android (android.graphics.Color)	4283255601 (0xFF4D4B31)
YUV	72.6340, -11.6516, 3.8290
Hunter-Lab	26.1375, -3.8702, 9.4467




Details

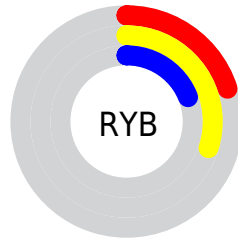
The Hex color **4D4B31** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **31334D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7E7C5F**, and **211F03** is the 20% darker color. If you saturate the color by 10%, you get **4D4A29**, and if you desaturate by 10%, it is **4D4C39**.

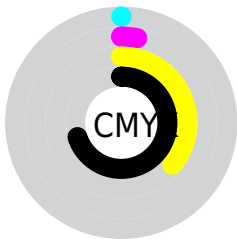
Distribution







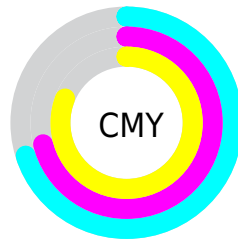
-  Red (30%)
-  Green (29%)
-  Blue (19%)






-  Red (20%)
-  Yellow (30%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (3%)
-  Yellow (36%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (71%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D4B31 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 4D4B31 by changing the saturation by 10% instead.



4D4B31



4D4B31

FFFFFF



36341C



7E7C5F



211F03



999578



000800



B3B092



000000



CFCBAD



EBE8C8



FFFEE4



4D4B31



4D4B31



4D4A29



4D4C39

■ 4D4A22

■ 4D4C40

■ 4D491A

■ 4D4D48

■ 4D4912

■ 4D4D50

■ 4D480B

■ 4D4E58

■ 4D4803

■ 4D4E5F

■ 4D4800

■ 4D4F67

■ 4D4F6F

■ 4D5076

Harmonies

Analogous

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



594732



4D4B31



3F4E37

Triad

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



4D4B31



23505B



5F4151

Complementary

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



4D4B31



31334D

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.



53455C



4D4B31



2F4D62

Square

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



4D4B31



245150



424963



644144

Rectangle

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



4D4B31



35503E



424963



5C4255

Sweetspot

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



4D4B31



636359



4D3133



33332C



B3B3B3



333333

Same Dimension

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



4D4B31



636038



414D31



262622



665F00



E6D500

Inverse Universe

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



31334D



383B63



3D314D



222326



000766



0010E6

Previews

White Background



This preview shows how the Hex color 4D4B31 looks on a white background.

Color Contrast Check

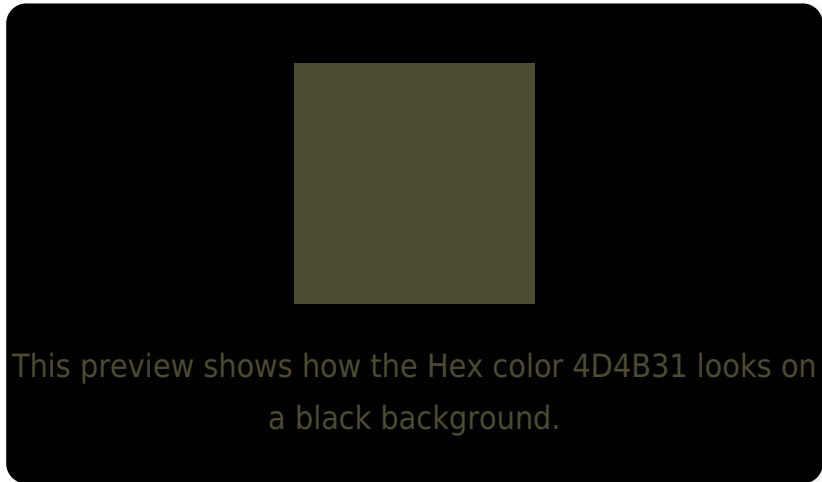
Large Text (above 18pt) WCAG AA ✓ Pass

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

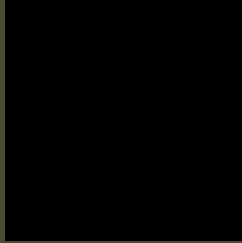
Any Text WCAG AA × Fail

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 4D4B31 Background



This preview shows how black text looks on a background with the Hex color 4D4B31.

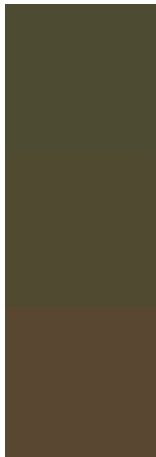


This preview shows how white text looks on a background with the Hex color 4D4B31.

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
4D4B31

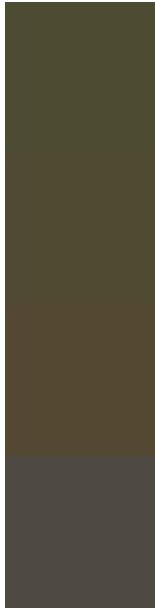
Protanopia
504A31

Deuteranopia
594732



Tritanopia
50484D

Trichromacy



Original Color
4D4B31

Protanomaly
4F4A31

Deuteranomaly
554832

Tritanomaly
4F4943

Monochromacy



Original Color
4D4B31

Achromatopsia
494949

Achromatomaly
4A4A40

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D4B31 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 #4D4B31 looks like.

```
.text, #text, p{  
    color:#4D4B31  
}
```

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 #4D4B31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4B31
}
```

Border

The CSS property to change the border of an element to Hex 4D4B31 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".

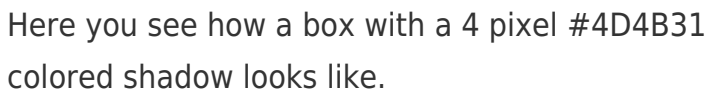
```
.border, #border, table{ border:4px solid
#4D4B31 }
```

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

```
.border{ border-color:#4D4B31 }
```

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

Here you see how a box with a 4 pixel #4D4B31 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4B31; -webkit-box-shadow:4px 4px  
4px 4px #4D4B31; box-shadow:4px 4px 4px  
4px #4D4B31 }
```

Background

The CSS property to change the background color of an element to Hex 4D4B31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4B31 }
```

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

```
.background{ background-color:#4D4B31 }
```

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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