

Converting Colors

Hex(4C4D2B)

Have a look what the booklet for
Hex(4C4D2B) contains.

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Color

Hex(4C4D2B)

Conversions

Conversions Part 1

Format	Color
Hex	4C4D2B
RGB	76, 77, 43
RGB Percent	30%, 30%, 17%
CMY	0.7020, 0.6980, 0.8314
CMYK	0.01, 0.00, 0.44, 0.70
HSL	62°, 28%, 24%
HSV	62°, 44%, 30%
XYZ	6.0704, 7.0187, 3.3203
YIQ	72.8250, 10.3180, -10.7860

Conversions

Conversions Part 2

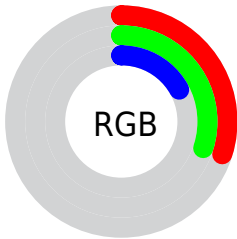
Format	Color
RYB	43, 77, 44
Decimal	5000491
CIELab	31.85, -6.39, 20.01
CIElCh	32, 21.009, 107.694
Yxy	7.0187, 0.3699, 0.4277
Android (android.graphics.Color)	4283190571 (0xFF4C4D2B)
YUV	72.8250, -14.7037, 2.7845
Hunter-Lab	26.4928, -5.4618, 11.1142

Details

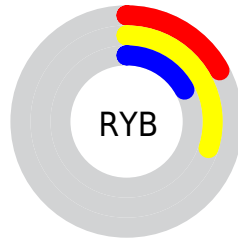
The Hex color **4C4D2B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2C2B4D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7E7E59**, and **202100** is the 20% darker color. If you saturate the color by 10%, you get **4C4D23**, and if you desaturate by 10%, it is **4C4D33**.

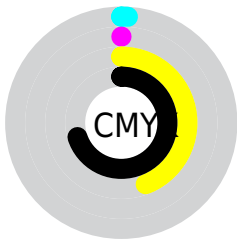
Distribution



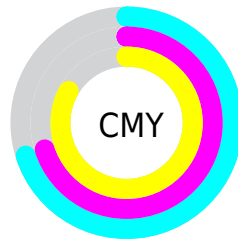
- Red (30%)
- Green (30%)
- Blue (17%)



- Red (17%)
- Yellow (30%)
- Blue (17%)



- Cyan (1%)
- Magenta (0%)
- Yellow (44%)
- Black (70%)



- Cyan (70%)
- Magenta (70%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4D2B 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 4C4D2B by changing the saturation by 10% instead.

 4C4D2B

 4C4D2B

FFFFFF

 353616

 7E7E59

 202100

 989872

 000B00

 B3B28B

 000000

 CECEA6

 EBEAC1

 FFFFDD

 FFFFFA

 4C4D2B

 4C4D2B

■ 4C4D23

■ 4C4D33

■ 4C4D1C

■ 4C4D3A

■ 4B4D14

■ 4D4D42

■ 4B4D0C

■ 4D4D4A

■ 4B4D05

■ 4D4D52

■ 4B4D00

■ 4D4D59

■ 4E4D61

■ 4E4D69

■ 4E4D70

Harmonies

Analogous

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



5C482B



4C4D2B



395134

Triad

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



4C4D2B



095263



673F52

Complementary

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



4C4D2B



2C2B4D

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.



594361



4C4D2B



274F6B

Square

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



4C4D2B



0C5454



43496A



6B3E42

Rectangle

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



4C4D2B



2B533E



43496A



634058

Sweetspot

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



4C4D2B



636357



4D2C2B



33332B



B3B3B3



333333

Same Dimension

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



4C4D2B



62632F



3B4D2B



262622



636600



DFE600

Inverse Universe

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



2C2B4D



302F63



3D2B4D



232226



030066



0700E6

Previews

White Background



This preview shows how the Hex color 4C4D2B looks on a white background.

Color Contrast Check

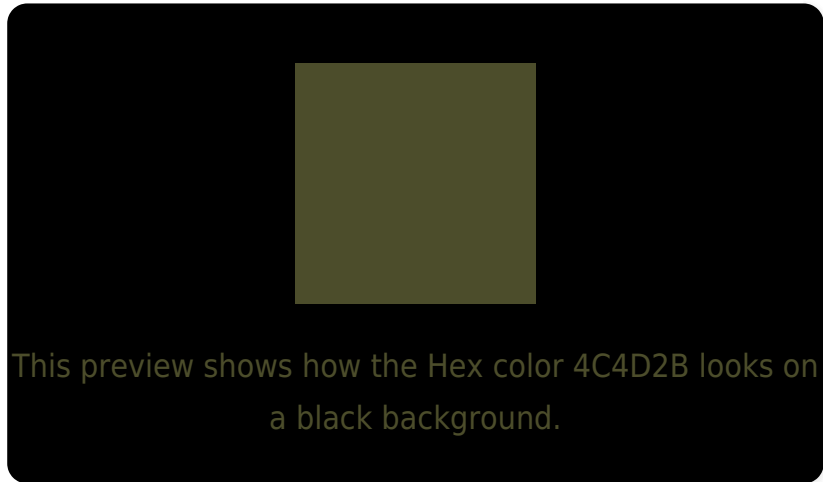
Large Text (above 18pt) WCAG AA ✓ Pass

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

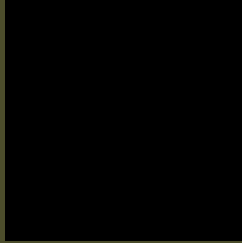
Any Text WCAG AA × Fail

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 4C4D2B Background



This preview shows how black text looks on a background with the Hex color 4C4D2B.



This preview shows how white text looks on a background with the Hex color 4C4D2B.

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](#).

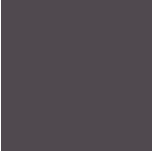
Dichromacy



Original Color
4C4D2B

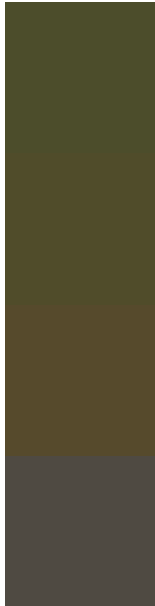
Protanopia
524B2A

Deuteranopia
5B482C



Tritanopia
50494F

Trichromacy



Original Color
4C4D2B

Protanomaly
504C2A

Deuteranomaly
564A2C

Tritanomaly
4F4A42

Monochromacy



Original Color
4C4D2B

Achromatopsia
494949

Achromatomaly
4A4A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4D2B 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 #4C4D2B looks like.

```
.text, #text, p{  
    color:#4C4D2B  
}
```

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 #4C4D2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4D2B
}
```

Border

The CSS property to change the border of an element to Hex 4C4D2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

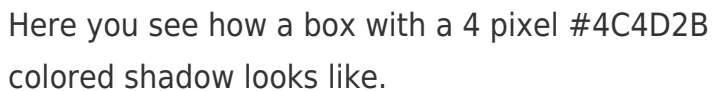
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4D2B }
```

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

```
.border{ border-color:#4C4D2B }
```

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



Here you see how a box with a 4 pixel #4C4D2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4D2B; -webkit-box-shadow:4px 4px  
4px 4px #4C4D2B; box-shadow:4px 4px 4px  
4px #4C4D2B }
```

Background

The CSS property to change the background color of an element to Hex 4C4D2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4D2B }
```

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

```
.background{ background-color:#4C4D2B }
```

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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