

Converting Colors

Hex(4C4A36)

Have a look what the booklet for
Hex(4C4A36) contains.

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Color

Hex(4C4A36)

Conversions

Conversions Part 1

Format	Color
Hex	4C4A36
RGB	76, 74, 54
RGB Percent	30%, 29%, 21%
CMY	0.7020, 0.7098, 0.7882
CMYK	0.00, 0.03, 0.29, 0.70
HSL	55°, 17%, 25%
HSV	55°, 29%, 30%
XYZ	6.0951, 6.7004, 4.4621
YIQ	72.3180, 7.6120, -5.7960

Conversions

Conversions Part 2

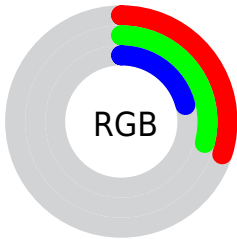
Format	Color
RYB	56, 76, 54
Decimal	4999734
CIELab	31.11, -2.95, 12.28
CIElCh	31, 12.628, 103.503
Yxy	6.7004, 0.3532, 0.3883
Android (android.graphics.Color)	4283189814 (0xFF4C4A36)
YUV	72.3180, -9.0308, 3.2291
Hunter-Lab	25.8851, -3.2679, 7.8992

Details

The Hex color **4C4A36** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36384C**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7D7B65**, and **201E0A** is the 20% darker color. If you saturate the color by 10%, you get **4C492E**, and if you desaturate by 10%, it is **4C4B3E**.

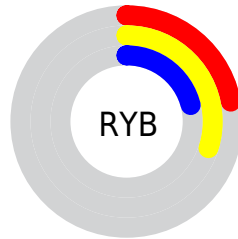
Distribution



Red (30%)

Green (29%)

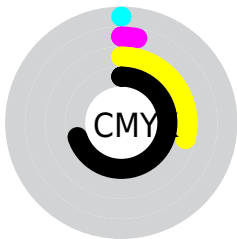
Blue (21%)



Red (22%)

Yellow (30%)

Blue (21%)

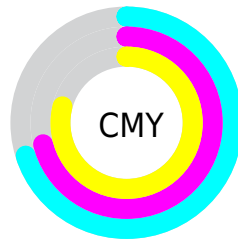


Cyan (0%)

Magenta (3%)

Yellow (29%)

Black (70%)



Cyan (70%)

Magenta (71%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4A36 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 4C4A36 by changing the saturation by 10% instead.



4C4A36



4C4A36

FFFFFF



353321



7D7B65



201E0A



97947E



000600



B2AF98



000000



CECAB3



EAE6CE



FFFFEА



4C4A36



4C4A36



4C492E



4C4B3E

■ 4C4927

■ 4C4B45

■ 4C481F

■ 4C4C4D

■ 4C4718

■ 4C4D54

■ 4C4710

■ 4C4D5C

■ 4C4608

■ 4C4E64

■ 4C4501

■ 4C4F6B

■ 4C4500

■ 4C5073

■ 4C507A

Harmonies

Analogous

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



564737



4C4A36



414D3B

Triad

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



4C4A36



2E4E56



5A434F

Complementary

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



4C4A36



36384C

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.



504558



4C4A36



364C5C

Square

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



4C4A36



2E4F4D



44495C



5D4245

Rectangle

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



4C4A36



394E40



44495C



574352

Sweetspot

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



4C4A36



63635A



4C3638



33322D



B3B3B3



333333

Same Dimension

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



4C4A36



636041



434C36



262622



665D00



E6D100

Inverse Universe

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



36384C



414463



3F364C



222326



000966



0015E6

Previews

White Background



This preview shows how the Hex color 4C4A36 looks on a white background.

Color Contrast Check

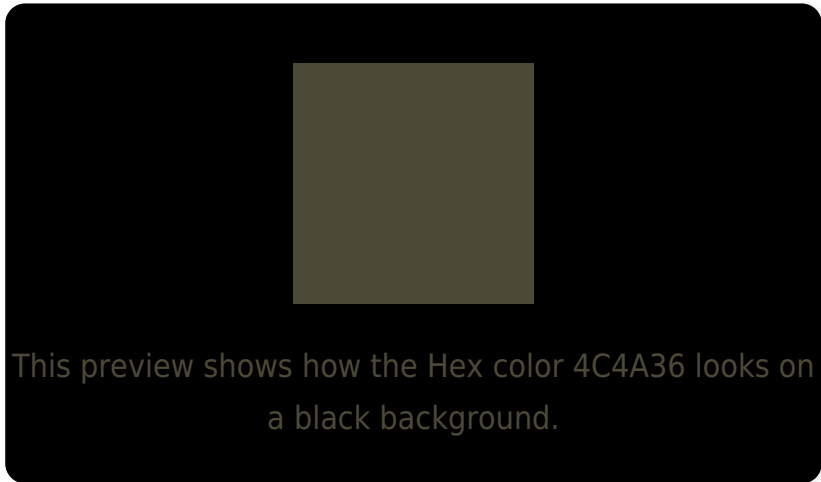
Large Text (above 18pt) WCAG AA ✓ Pass

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

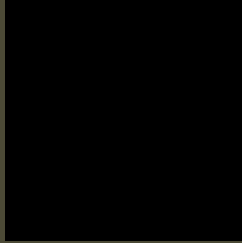
Any Text WCAG AA × Fail

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 4C4A36 Background



This preview shows how black text looks on a background with the Hex color 4C4A36.

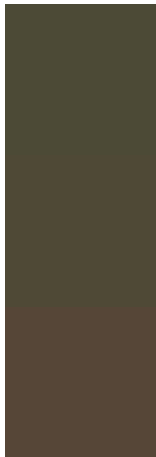


This preview shows how white text looks on a background with the Hex color 4C4A36.

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
4C4A36

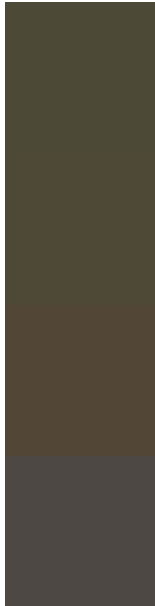
Protanopia
4F4936

Deuteranopia
564637



Tritanopia
4F474D

Trichromacy



Original Color
4C4A36

Protanomaly
4E4936

Deuteranomaly
524737

Tritanomaly
4E4845

Monochromacy



Original Color
4C4A36

Achromatopsia
484848

Achromatomaly
494941

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4A36 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 #4C4A36 looks like.

```
.text, #text, p{  
    color:#4C4A36  
}
```

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 #4C4A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4A36
}
```

Border

The CSS property to change the border of an element to Hex 4C4A36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

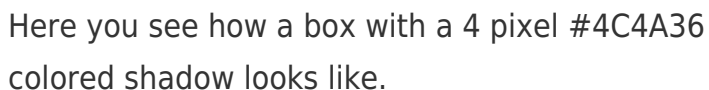
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4A36 }
```

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

```
.border{ border-color:#4C4A36 }
```

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



Here you see how a box with a 4 pixel #4C4A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4A36; -webkit-box-shadow:4px 4px  
4px 4px #4C4A36; box-shadow:4px 4px 4px  
4px #4C4A36 }
```

Background

The CSS property to change the background color of an element to Hex 4C4A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4A36 }
```

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

```
.background{ background-color:#4C4A36 }
```

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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