

Converting Colors

Hex(4D4A39)

Have a look what the booklet for
Hex(4D4A39) contains.

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Color

Hex(4D4A39)

Conversions

Conversions Part 1

Format	Color
Hex	4D4A39
RGB	77, 74, 57
RGB Percent	30%, 29%, 22%
CMY	0.6980, 0.7098, 0.7765
CMYK	0.00, 0.04, 0.26, 0.70
HSL	51°, 15%, 26%
HSV	51°, 26%, 30%
XYZ	6.2479, 6.7707, 4.8485
YIQ	72.9590, 7.2450, -4.6510

Conversions

Conversions Part 2

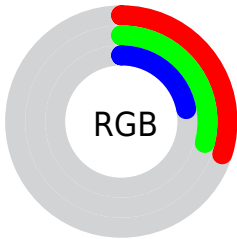
Format	Color
RYB	61, 77, 57
Decimal	5065273
CIELab	31.28, -2.00, 10.63
CIELCh	31, 10.813, 100.653
Yxy	6.7707, 0.3497, 0.3790
Android (android.graphics.Color)	4283255353 (0xFF4D4A39)
YUV	72.9590, -7.8678, 3.5440
Hunter-Lab	26.0207, -2.6762, 7.1668




Details

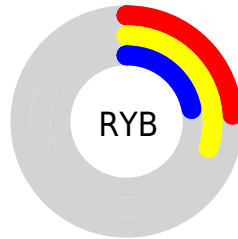
The Hex color **4D4A39** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **393C4D**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **7E7B68**, and **211E0E** is the 20% darker color. If you saturate the color by 10%, you get **4D4931**, and if you desaturate by 10%, it is **4D4B41**.

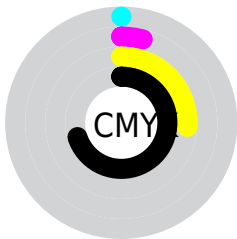
Distribution







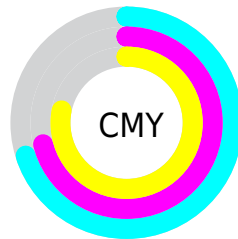
-  Red (30%)
-  Green (29%)
-  Blue (22%)






-  Red (24%)
-  Yellow (30%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (4%)
-  Yellow (26%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (71%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D4A39 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 4D4A39 by changing the saturation by 10% instead.

■ 4D4A39

■ 4D4A39

FFFFFF

■ 363323

■ 7E7B68

■ 211E0E

■ 989481

■ 020600

■ B3AF9B

■ 000000

■ CFCAB6

■ EBE6D2

■ FFFFEE

■ 4D4A39

■ 4D4A39

■ 4D4931

■ 4D4B41

■ 4D482A

■ 4D4C48

■ 4D4722

■ 4D4D50

■ 4D451A

■ 4D4F58

■ 4D4413

■ 4D5060

■ 4D430B

■ 4D5167

■ 4D4203

■ 4D526F

■ 4D4100

■ 4D5377

■ 4D547E

Harmonies

Analogous

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



55473A



4D4A39



434C3D

Triad

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



4D4A39



334E54



57444F

Complementary

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



4D4A39



393C4D

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.



4F4656



4D4A39



394C59

Square

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



4D4A39



344F4C



44495A



5B4447

Rectangle

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



4D4A39



3D4E41



44495A



554552

Sweetspot

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



4D4A39



63625B



4D393C



33322E



B3B3B3



333333

Same Dimension

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



4D4A39



635F45



464D39



262622



665700



E6C300

Inverse Universe

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



393C4D



454963



40394D



222326



000F66



0022E6

Previews

White Background



This preview shows how the Hex color 4D4A39 looks on a white background.

Color Contrast Check

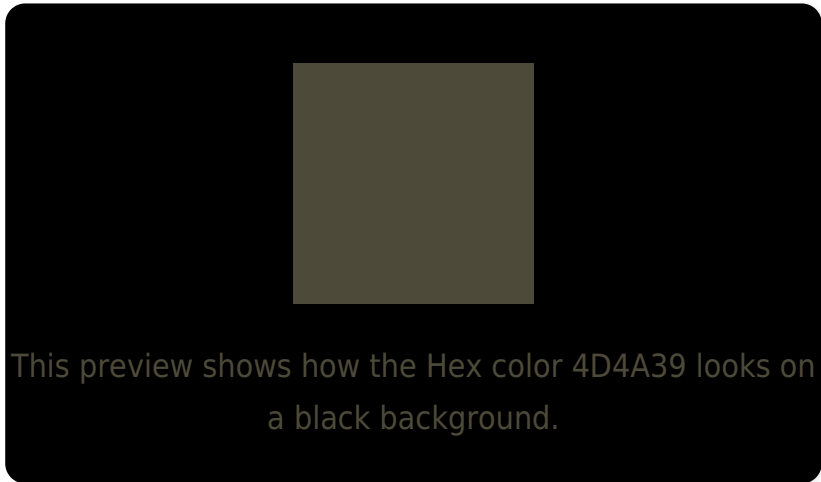
Large Text (above 18pt) WCAG AA ✓ Pass

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

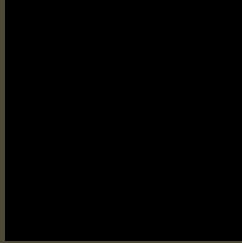
Any Text WCAG AA × Fail

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 4D4A39 Background



This preview shows how black text looks on a background with the Hex color 4D4A39.

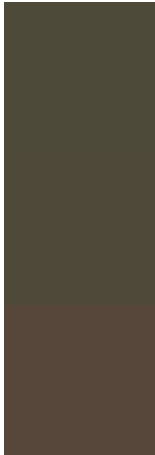


This preview shows how white text looks on a background with the Hex color 4D4A39.

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
4D4A39

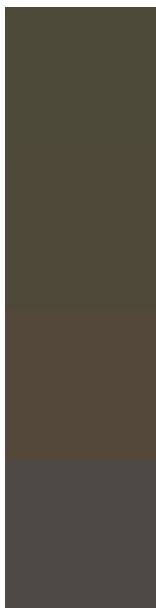
Protanopia
4F4939

Deuteranopia
56473A



Tritanopia
4F474D

Trichromacy



Original Color

4D4A39

Protanomaly

4E4939

Deuteranomaly

53483A

Tritanomaly

4E4846

Monochromacy



Original Color

4D4A39

Achromatopsia

494949

Achromatomaly

4A4943

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D4A39 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 #4D4A39 looks like.

```
.text, #text, p{  
    color:#4D4A39  
}
```

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 #4D4A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4A39
}
```

Border

The CSS property to change the border of an element to Hex 4D4A39 is called "border". The border property can be set on classes, ids or directly on the HTML element.

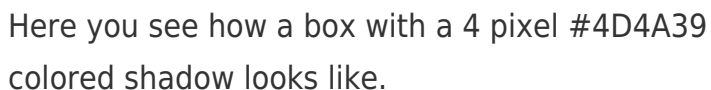
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D4A39 }
```

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

```
.border{ border-color:#4D4A39 }
```

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



Here you see how a box with a 4 pixel #4D4A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4A39; -webkit-box-shadow:4px 4px  
4px 4px #4D4A39; box-shadow:4px 4px 4px  
4px #4D4A39 }
```

Background

The CSS property to change the background color of an element to Hex 4D4A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4A39 }
```

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

```
.background{ background-color:#4D4A39 }
```

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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