

Converting Colors

Hex(4D433A)

Have a look what the booklet for
Hex(4D433A) contains.

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Color

Hex(4D433A)

Conversions

Conversions Part 1

Format	Color
Hex	4D433A
RGB	77, 67, 58
RGB Percent	30%, 26%, 23%
CMY	0.6980, 0.7373, 0.7725
CMYK	0.00, 0.13, 0.25, 0.70
HSL	28°, 14%, 26%
HSV	28°, 25%, 30%
XYZ	5.8314, 5.8976, 4.8340
YIQ	68.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

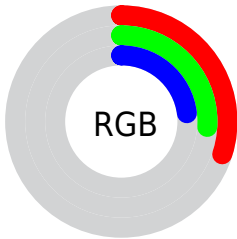
Format	Color
R_{YB}	77, 75, 58
Decimal	5063482
CIE Lab	29.15, 2.58, 7.03
CIE LCh	29, 7.490, 69.843
Yxy	5.8976, 0.3521, 0.3561
Android (android.graphics.Color)	4283253562 (0xFF4D433A)
YUV	68.9640, -5.4053, 7.0476
Hunter-Lab	24.2849, 0.3639, 5.1976




Details

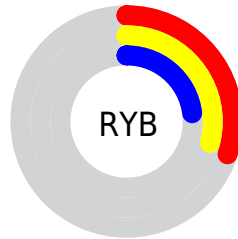
The Hex color **4D433A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A444D**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **7E7369**, and **21180F** is the 20% darker color. If you saturate the color by 10%, you get **4D3F32**, and if you desaturate by 10%, it is **4D4742**.

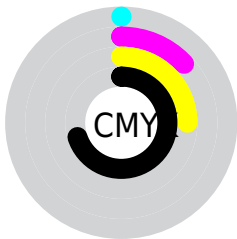
Distribution







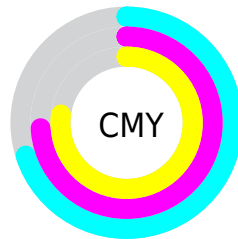
-  Red (30%)
-  Green (26%)
-  Blue (23%)






-  Red (30%)
-  Yellow (29%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (13%)
-  Yellow (25%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (74%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D433A 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 4D433A by changing the saturation by 10% instead.

■ 4D433A

■ 4D433A

FFFFFF

■ 362D24

■ 7E7369

■ 21180F

■ 988C82

■ 000000

■ B3A79C

■ CFC2B7

■ EBDED3

■ FFFAEF

■ 4D433A

■ 4D433A

■ 4D3F32

■ 4D4742

■ 4D3B2B

■ 4D4B49

■ 4D3723

■ 4D4F51

■ 4D331B

■ 4D5359

■ 4D2F14

■ 4D5761

■ 4D2B0C

■ 4D5B68

■ 4D2704

■ 4D5F70

■ 4D2400

■ 4D6378

■ 4D677F

Harmonies

Analogous

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



50413E



4D433A



474539

Triad

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



4D433A



364846



48434E

Complementary

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



4D433A



3A444D

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.



414550



4D433A



36484C

Square

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



4D433A



3B4841



3A464F



4E4149

Rectangle

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



4D433A



43463B



3A464F



46434F

Sweetspot

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



4D433A



63605C



4D3A44



33312F



B3B3B3



333333

Same Dimension

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



4D433A



635446



4D4C3A



262422



663000



E66D00

Inverse Universe

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



3A444D



465563



3A3B4D



222426



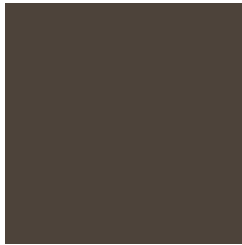
003666



0079E6

Previews

White Background



This preview shows how the Hex color 4D433A 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

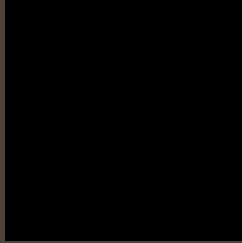
Any Text WCAG AA × Fail

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 4D433A Background



This preview shows how black text looks on a background with the Hex color 4D433A.

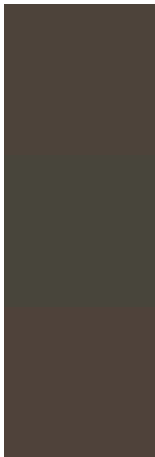


This preview shows how white text looks on a background with the Hex color 4D433A.

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
4D433A

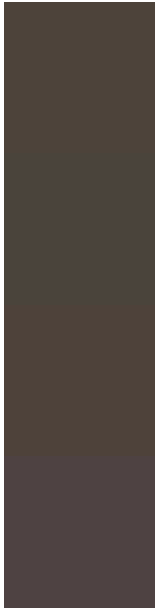
Protanopia
48453B

Deuteranopia
4F423A



Tritanopia
4E4146

Trichromacy



Original Color
4D433A

Protanomaly
4A443B

Deuteranomaly
4E423A

Tritanomaly
4E4242

Monochromacy



Original Color
4D433A

Achromatopsia
454545

Achromatomaly
484441

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D433A 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 #4D433A looks like.

```
.text, #text, p{  
    color:#4D433A  
}
```

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 #4D433A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D433A
}
```

Border

The CSS property to change the border of an element to Hex 4D433A is called "border". The border property can be set on classes, ids or directly on the HTML element.

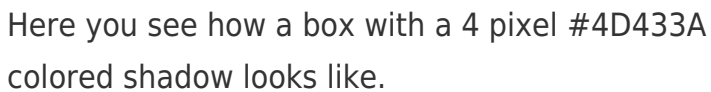
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D433A }
```

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

```
.border{ border-color:#4D433A }
```

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



Here you see how a box with a 4 pixel #4D433A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D433A; -webkit-box-shadow:4px 4px  
4px 4px #4D433A; box-shadow:4px 4px 4px  
4px #4D433A }
```

Background

The CSS property to change the background color of an element to Hex 4D433A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D433A }
```

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

```
.background{ background-color:#4D433A }
```

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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