

Converting Colors

Hex(4D3A2A)

Have a look what the booklet for
Hex(4D3A2A) contains.

Hex(4D3A2A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4D3A2A)

Conversions

Conversions Part 1

Format	Color
Hex	4D3A2A
RGB	77, 58, 42
RGB Percent	30%, 23%, 16%
CMY	0.6980, 0.7725, 0.8353
CMYK	0.00, 0.25, 0.45, 0.70
HSL	27°, 29%, 23%
HSV	27°, 45%, 30%
XYZ	4.9915, 4.7711, 2.8483
YIQ	61.8570, 16.4600, -0.9480

Conversions

Conversions Part 2

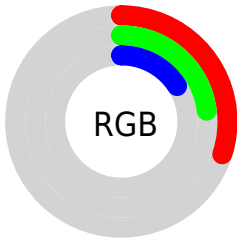
Format	Color
R_{YB}	77, 71, 42
Decimal	5061162
CIE _{Lab}	26.07, 5.90, 13.17
CIE _{LCh}	26, 14.427, 65.881
Yxy	4.7711, 0.3958, 0.3783
Android (android.graphics.Color)	4283251242 (0xFF4D3A2A)
YUV	61.8570, -9.7895, 13.2804
Hunter-Lab	21.8428, 2.5663, 7.5585




Details

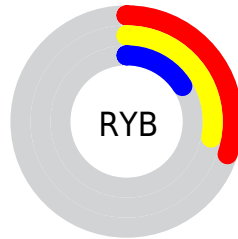
The Hex color **4D3A2A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A3D4D**, and the grayscale version is **3E3E3E**.




A 20% lighter version of the original color is **7F6957**, and **211000** is the 20% darker color. If you saturate the color by 10%, you get **4D3622**, and if you desaturate by 10%, it is **4D3E32**.

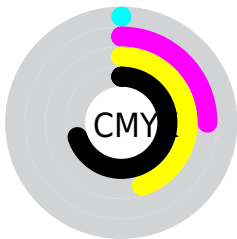
Distribution







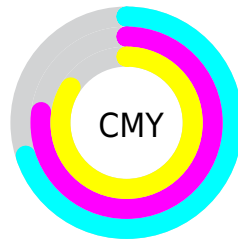
-  Red (30%)
-  Green (23%)
-  Blue (16%)






-  Red (30%)
-  Yellow (28%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (45%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (77%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3A2A 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 4D3A2A by changing the saturation by 10% instead.



4D3A2A



4D3A2A

FFFFFF



352415



7F6957



211000



998270



000000



B49C89



D0B7A4



EDD3BF



FFEFD8



FFFFE0



4D3A2A



4D3A2A

■ 4D3622

■ 4D3E32

■ 4D321B

■ 4D4239

■ 4D2D13

■ 4D4741

■ 4D290B

■ 4D4B49

■ 4D2503

■ 4D4F51

■ 4D2300

■ 4D5358

■ 4D5760

■ 4D5B68

■ 4D606F

Harmonies

Analogous

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



533731



4D3A2A



433E28

Triad

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



4D3A2A



1F4440



423A4F

Complementary

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



4D3A2A



2A3D4D

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.



333E53



4D3A2A



1B434A

Square

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



4D3A2A



2B4334



234151



4E3747

Rectangle

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



4D3A2A



3C402A



234151



3D3B51

Sweetspot

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



4D3A2A



635C56



4D2A3D



332E2A



B3B3B3



333333

Same Dimension

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



4D3A2A



63462D



4D4B2A



262422



662F00



E66900

Inverse Universe

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



2A3D4D



2D4A63



2A2C4D



222526



003766



007DE6

Previews

White Background



This preview shows how the Hex color 4D3A2A looks on a white background.

Color Contrast Check

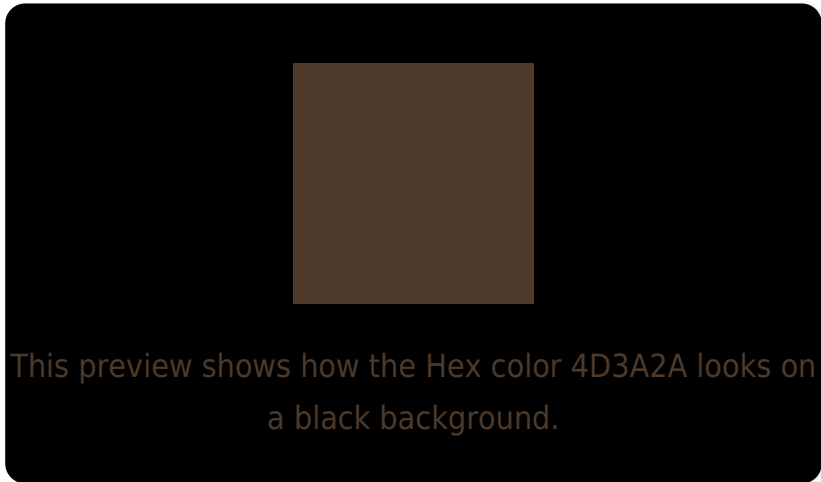
Large Text (above 18pt) WCAG AA ✓ Pass

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

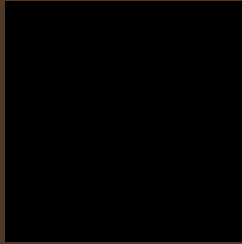
Any Text WCAG AA × Fail

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 4D3A2A Background



This preview shows how black text looks on a background with the Hex color 4D3A2A.

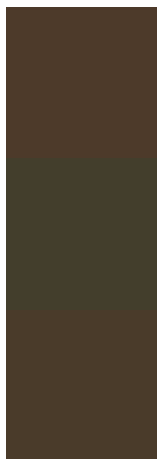


This preview shows how white text looks on a background with the Hex color 4D3A2A.

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

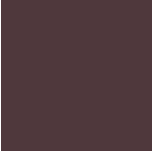
4D3A2A

Protanopia

433E2C

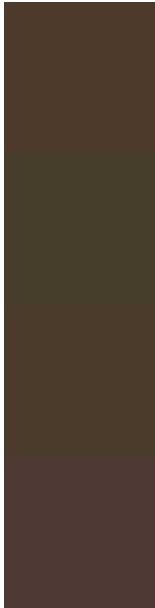
Deuteranopia

4A3B2A



Tritanopia
4F383C

Trichromacy



Original Color

4D3A2A

Protanomaly

473D2B

Deuteranomaly

4B3B2A

Tritanomaly

4E3935

Monochromacy



Original Color

4D3A2A

Achromatopsia

3E3E3E

Achromatomaly

433D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3A2A 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 #4D3A2A looks like.

```
.text, #text, p{  
    color:#4D3A2A  
}
```

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 #4D3A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3A2A
}
```

Border

The CSS property to change the border of an element to Hex 4D3A2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

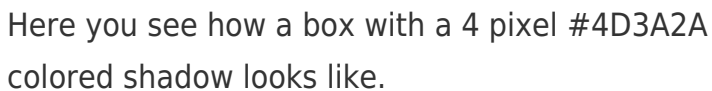
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D3A2A }
```

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

```
.border{ border-color:#4D3A2A }
```

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



Here you see how a box with a 4 pixel #4D3A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3A2A; -webkit-box-shadow:4px 4px  
4px 4px #4D3A2A; box-shadow:4px 4px 4px  
4px #4D3A2A }
```

Background

The CSS property to change the background color of an element to Hex 4D3A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3A2A }
```

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

```
.background{ background-color:#4D3A2A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor