

Converting Colors

Hex(4D3E1D)

Have a look what the booklet for
Hex(4D3E1D) contains.

Hex(4D3E1D)	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(4D3E1D)

Conversions

Conversions Part 1

Format	Color
Hex	4D3E1D
RGB	77, 62, 29
RGB Percent	30%, 24%, 11%
CMY	0.6980, 0.7569, 0.8863
CMYK	0.00, 0.19, 0.62, 0.70
HSL	41°, 45%, 21%
HSV	41°, 62%, 30%
XYZ	5.0050, 5.1117, 1.8853
YIQ	62.7230, 19.5330, -7.0830

Conversions

Conversions Part 2

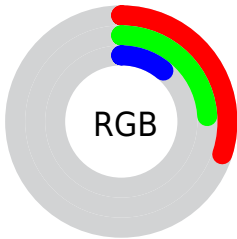
Format	Color
RYB	51, 77, 29
Decimal	5062173
CIELab	27.05, 1.85, 22.48
CIELCh	27, 22.560, 85.308
Yxy	5.1117, 0.4170, 0.4259
Android (android.graphics.Color)	4283252253 (0xFF4D3E1D)
YUV	62.7230, -16.6254, 12.5209
Hunter-Lab	22.6092, -0.0517, 10.8825




Details

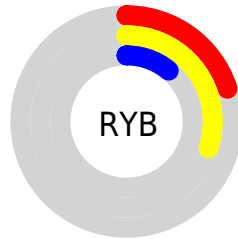
The Hex color **4D3E1D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D2C4D**, and the grayscale version is **3F3F3F**.



A 20% lighter version of the original color is **806D4A**, and **1F1400** is the 20% darker color. If you saturate the color by 10%, you get **4D3C15**, and if you desaturate by 10%, it is **4D4025**.

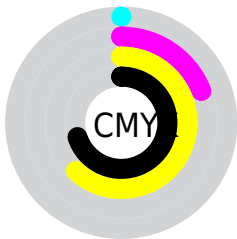
Distribution







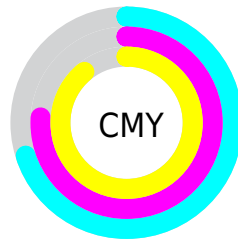
-  Red (30%)
-  Green (24%)
-  Blue (11%)






-  Red (20%)
-  Yellow (30%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (19%)
-  Yellow (62%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (76%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3E1D 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 4D3E1D by changing the saturation by 10% instead.

 4D3E1D

 4D3E1D

FFFFFF

 352805

 806D4A

 1F1400

 9A8762

 000000

 B5A17B

 D1BC95

 EED7B0

 FFF4CB

 FFFFE7

 4D3E1D

 4D3E1D

■ 4D3C15

■ 4D4025

■ 4D390E

■ 4D432C

■ 4D3706

■ 4D4534

■ 4D3500

■ 4D483C

■ 4D4A44

■ 4D4C4B

■ 4D4F53

■ 4D515B

■ 4D5462

Harmonies

Analogous

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



5A3824



4D3E1D



3C4320

Triad

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



4D3E1D



00494E



533654

Complementary

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



4D3E1D



1D2C4D

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.



3D3C5F



4D3E1D



00475C

Square

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



4D3E1D



08493D



1E4362



5F3243

Rectangle

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



4D3E1D



2F4627



1E4362



4D3858

Sweetspot

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



4D3E1D



635E51



4D1D2C



332F27



B3B3B3



333333

Same Dimension

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



4D3E1D



634C19



444D1D



262522



664600



E69E00

Inverse Universe

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



1D2C4D



193063



261D4D



222426



002066



0048E6

Previews

White Background



This preview shows how the Hex color 4D3E1D looks on a white background.

Color Contrast Check

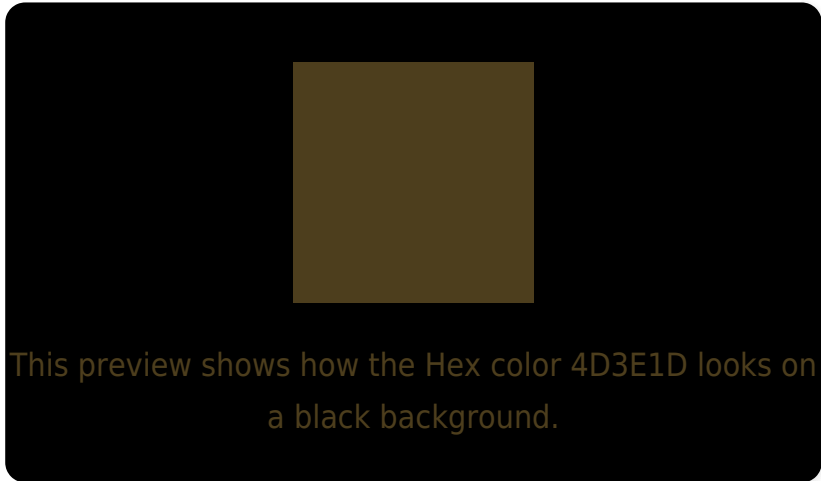
Large Text (above 18pt) WCAG AA ✓ Pass

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

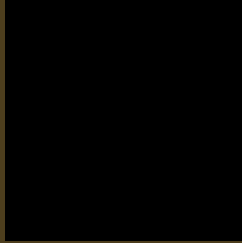
Any Text WCAG AA × Fail

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 4D3E1D Background



This preview shows how black text looks on a background with the Hex color 4D3E1D.

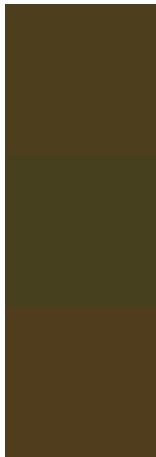


This preview shows how white text looks on a background with the Hex color 4D3E1D.

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
4D3E1D

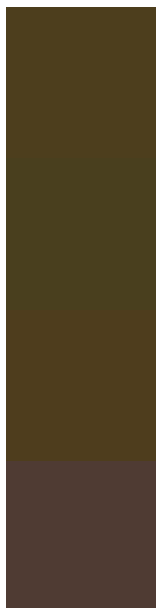
Protanopia
47401E

Deuteranopia
4F3D1D



Tritanopia
503A3F

Trichromacy



Original Color

4D3E1D

Protanomaly

493F1E

Deuteranomaly

4E3D1D

Tritanomaly

4F3B33

Monochromacy



Original Color

4D3E1D

Achromatopsia

3F3F3F

Achromatomaly

443F33

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3E1D 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 #4D3E1D looks like.

```
.text, #text, p{  
    color:#4D3E1D  
}
```

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 #4D3E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3E1D
}
```

Border

The CSS property to change the border of an element to Hex 4D3E1D 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".

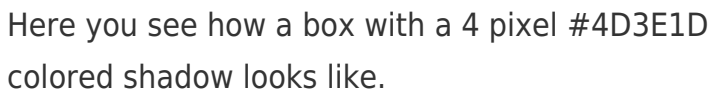
```
.border, #border, table{ border:4px solid
#4D3E1D }
```

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

```
.border{ border-color:#4D3E1D }
```

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

Here you see how a box with a 4 pixel #4D3E1D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3E1D; -webkit-box-shadow:4px 4px  
4px 4px #4D3E1D; box-shadow:4px 4px 4px  
4px #4D3E1D }
```

Background

The CSS property to change the background color of an element to Hex 4D3E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3E1D }
```

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

```
.background{ background-color:#4D3E1D }
```

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