

# Converting Colors

Hex(4E2D1A)

Have a look what the booklet for  
Hex(4E2D1A) contains.

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# Color

Hex(4E2D1A)

# Conversions

## Conversions Part 1

Format	Color
Hex	4E2D1A
RGB	78, 45, 26
RGB Percent	31%, 18%, 10%
CMY	0.6941, 0.8235, 0.8980
CMYK	0.00, 0.42, 0.67, 0.69
HSL	22°, 50%, 20%
HSV	22°, 67%, 31%
XYZ	4.2667, 3.5711, 1.4417
YIQ	52.7010, 25.7670, 1.0870

# Conversions

## Conversions Part 2

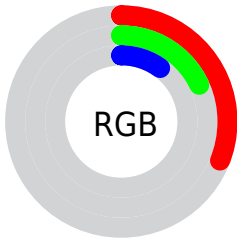
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 56, 26
Decimal	5123354
CIE Lab	22.20, 13.05, 18.55
CIE LCh	22, 22.676, 54.872
Yxy	3.5711, 0.4598, 0.3848
Android (android.graphics.Color)	4283313434 (0xFF4E2D1A)
YUV	52.7010, -13.1636, 22.1872
Hunter-Lab	18.8972, 7.2326, 8.7048

# Details

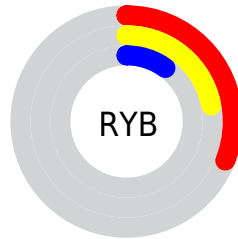
The Hex color **4E2D1A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1A3B4E**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **825B46**, and **200000** is the 20% darker color. If you saturate the color by 10%, you get **4E2812**, and if you desaturate by 10%, it is **4E3222**.

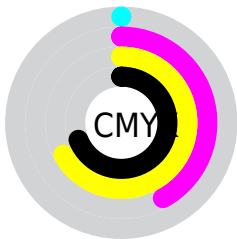
# Distribution



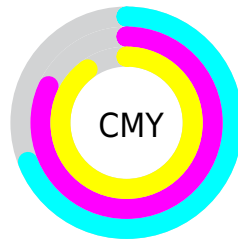
- Red (31%)
- Green (18%)
- Blue (10%)



- Red (31%)
- Yellow (22%)
- Blue (10%)



- Cyan (0%)
- Magenta (42%)
- Yellow (67%)
- Black (69%)



- Cyan (69%)
- Magenta (82%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E2D1A 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 4E2D1A by changing the saturation by 10% instead.





4E2D1A



4E2D1A

FFFFFF



361800



825B46



200000



9C745D



000000



B88D76



D4A890



F1C3AA



FFDFC6



FFFCE2



4E2D1A



4E2D1A

■ 4E2812

■ 4E3222

■ 4E230A

■ 4E372A

■ 4E1E03

■ 4E3C31

■ 4E1D00

■ 4E4139

■ 4E4641

■ 4E4B49

■ 4E5051

■ 4E5558

■ 4E5A60

# Harmonies

## Analogous

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



542828



4E2D1A



423313

# Triad

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



4E2D1A



003D32



323254

# Complementary

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



4E2D1A



1A3B4E

# 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.



0D3856



4E2D1A



003D43

# Square

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



4E2D1A



1D3C21



003C50



472B49

# Rectangle

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



4E2D1A



373713



003C50



283456



# Sweetspot

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



4E2D1A



665952



4E1A3C



332B27



B3B3B3



333333



# Same Dimension

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



4E2D1A



663214



4E461A



262422



662500



E65400



# Inverse Universe

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



1A3B4E



144866



1A224E



222526



004166



0092E6



# Previews

## White Background



This preview shows how the Hex color 4E2D1A 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

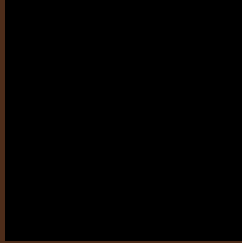
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E2D1A Background



This preview shows how black text looks on a background with the Hex color 4E2D1A.

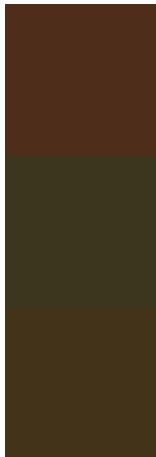


This preview shows how white text looks on a background with the Hex color 4E2D1A.

# 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**  
4E2D1A

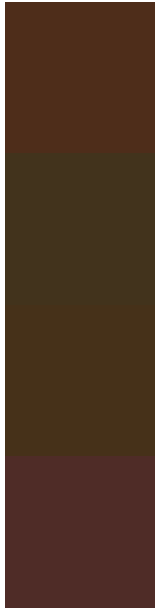
**Protanopia**  
3B361D

**Deuteranopia**  
423319



**Tritanopia**  
4F2B2E

# Trichromacy



**Original Color**  
4E2D1A

**Protanomaly**  
42331C

**Deuteranomaly**  
463119

**Tritanomaly**  
4F2C27

# Monochromacy



**Original Color**  
4E2D1A

**Achromatopsia**  
353535

**Achromatomaly**  
3E322B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E2D1A 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 #4E2D1A looks like.

```
.text, #text, p{  
    color:#4E2D1A  
}
```

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 #4E2D1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E2D1A
}
```

## Border

The CSS property to change the border of an element to Hex 4E2D1A 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".

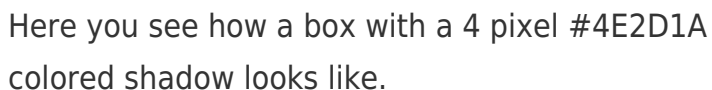
```
.border, #border, table{ border:4px solid
#4E2D1A }
```

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

```
.border{ border-color:#4E2D1A }
```

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

Here you see how a box with a 4 pixel #4E2D1A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E2D1A; -webkit-box-shadow:4px 4px  
4px 4px #4E2D1A; box-shadow:4px 4px 4px  
4px #4E2D1A }
```

# Background

The CSS property to change the background color of an element to Hex 4E2D1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E2D1A }
```

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

```
.background{ background-color:#4E2D1A }
```

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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