

# Converting Colors

Hex(4C470D)

Have a look what the booklet for  
Hex(4C470D) contains.

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**Color**

**Hex(4C470D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C470D
RGB	76, 71, 13
RGB Percent	30%, 28%, 5%
CMY	0.7020, 0.7216, 0.9490
CMYK	0.00, 0.07, 0.83, 0.70
HSL	55°, 71%, 17%
HSV	55°, 83%, 30%
XYZ	5.3064, 6.0720, 1.2731
YIQ	65.8830, 21.5980, -16.9780

# Conversions

## Conversions Part 2

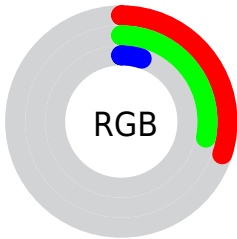
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 76, 13
Decimal	4998925
CIELab	29.59, -5.43, 33.22
CIElCh	30, 33.656, 99.277
Yxy	6.0720, 0.4194, 0.4799
Android (android.graphics.Color)	4283189005 (0xFF4C470D)
YUV	65.8830, -26.0713, 8.8726
Hunter-Lab	24.6415, -4.6839, 14.1858

# Details

The Hex color **4C470D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0D124C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7F773C**, and **1C1C00** is the 20% darker color. If you saturate the color by 10%, you get **4C4605**, and if you desaturate by 10%, it is **4C4815**.

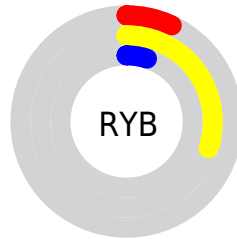
# Distribution



 Red (30%)

 Green (28%)

 Blue (5%)



 Red (7%)

 Yellow (30%)

 Blue (5%)

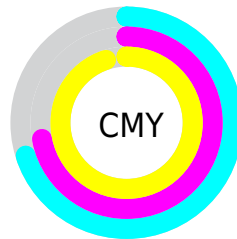


 Cyan (0%)

 Magenta (7%)

 Yellow (83%)

 Black (70%)



 Cyan (70%)

 Magenta (72%)

 Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C470D 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 4C470D by changing the saturation by 10% instead.



 4C470D

 4C470D

 FFFFF5

 353100

 7F773C

 1C1C00

 9A9154

 000000

 B5AB6D

 D2C687

 EEE2A2

 FFFFBD

 FFFFD9

 4C470D

 4C470D

■ 4C4605

■ 4C4815

■ 4C4600

■ 4C481C

■ 4C4924

■ 4C492B

■ 4C4A33

■ 4C4B3B

■ 4C4B42

■ 4C4C4A

■ 4C4C51

# Harmonies

## Analogous

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



623E13



4C470D



304D1B

# Triad

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



4C470D



005166



6B3159

# Complementary

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



4C470D



0D124C

# 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.



523B6E



4C470D



004D76

# Square

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



4C470D



00524D



204679



752E3F

# Rectangle

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



4C470D



14502A



204679



653461



# Sweetspot

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



4C470D



63614B



4C0D12



333224



B3B3B3



333333



# Same Dimension

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



4C470D



635C01



324C0D



262622



665E00



E6D300



# Inverse Universe

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



0D124C



010963



270D4C



222326



000866

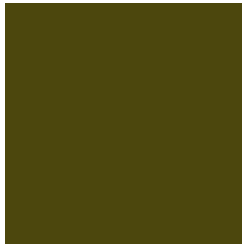


0012E6



# Previews

## White Background



This preview shows how the Hex color 4C470D 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

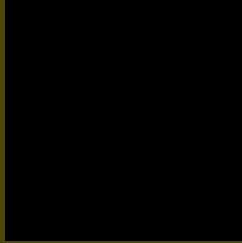
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C470D Background



This preview shows how black text looks on a background with the Hex color 4C470D.



This preview shows how white text looks on a background with the Hex color 4C470D.

# 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**  
4C470D

**Protanopia**  
4F460D

**Deuteranopia**  
584210



**Tritanopia**  
504247

# Trichromacy



**Original Color**  
4C470D

**Protanomaly**  
4E460D

**Deuteranomaly**  
54440F

**Tritanomaly**  
4F4432

# Monochromacy



**Original Color**  
4C470D

**Achromatopsia**  
424242

**Achromatomaly**  
46442F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C470D 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 #4C470D looks like.

```
.text, #text, p{  
    color:#4C470D  
}
```

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 #4C470D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C470D
}
```

## Border

The CSS property to change the border of an element to Hex 4C470D 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
#4C470D }
```

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

```
.border{ border-color:#4C470D }
```

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

Here you see how a box with a 4 pixel #4C470D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C470D; -webkit-box-shadow:4px 4px  
4px 4px #4C470D; box-shadow:4px 4px 4px  
4px #4C470D }
```

# Background

The CSS property to change the background color of an element to Hex 4C470D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C470D }
```

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

```
.background{ background-color:#4C470D }
```

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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