

# Converting Colors

Hex(4C351D)

Have a look what the booklet for  
Hex(4C351D) contains.

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# Color

Hex(4C351D)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C351D
RGB	76, 53, 29
RGB Percent	30%, 21%, 11%
CMY	0.7020, 0.7922, 0.8863
CMYK	0.00, 0.30, 0.62, 0.70
HSL	31°, 45%, 21%
HSV	31°, 62%, 30%
XYZ	4.4754, 4.1714, 1.7317
YIQ	57.1410, 21.4120, -2.5880

# Conversions

## Conversions Part 2

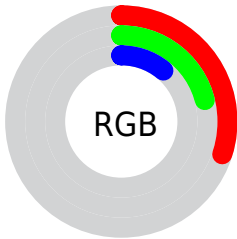
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	74, 76, 29
Decimal	4994333
CIE Lab	24.23, 7.14, 19.07
CIE LCh	24, 20.361, 69.457
Yxy	4.1714, 0.4312, 0.4019
Android (android.graphics.Color)	4283184413 (0xFF4C351D)
YUV	57.1410, -13.8735, 16.5393
Hunter-Lab	20.4240, 3.3713, 9.2698

# Details

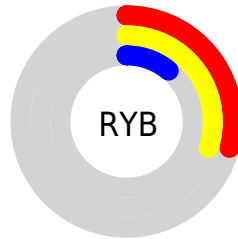
The Hex color **4C351D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D344C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7F6449**, and **1E0900** is the 20% darker color. If you saturate the color by 10%, you get **4C3115**, and if you desaturate by 10%, it is **4C3925**.

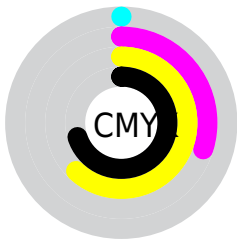
# Distribution



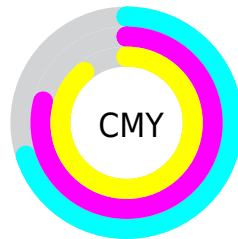
- Red (30%)
- Green (21%)
- Blue (11%)



- Red (29%)
- Yellow (30%)
- Blue (11%)



- Cyan (0%)
- Magenta (30%)
- Yellow (62%)
- Black (70%)



- Cyan (70%)
- Magenta (79%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C351D 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 4C351D by changing the saturation by 10% instead.



 4C351D

 4C351D

FFFFFF

 342005

 7F6449

 1E0900

 997C61

 000000

 B5967A

 D1B194

 EDCCAF

 FFE9CA

 FFFFE6

 4C351D

 4C351D

■ 4C3115

■ 4C3925

■ 4C2E0E

■ 4C3C2C

■ 4C2A06

■ 4C4034

■ 4C2700

■ 4C443B

■ 4C4843

■ 4C4B4B

■ 4C4F52

■ 4C535A

■ 4C5661

# Harmonies

## Analogous

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



553027



4C351D



3F3A1B

# Triad

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



4C351D



00423E



413451

# Complementary

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



4C351D



1D344C

# 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.



2A3958



4C351D



00414D

# Square

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



4C351D



1A412E



073E56



502F45

# Rectangle

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



4C351D



343D1E



073E56



3B3654



# Sweetspot

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



4C351D



635A51



4C1D35



332D27



B3B3B3



333333



# Same Dimension

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



4C351D



633F1A



4C4C1D



262422



663400



E67500



# Inverse Universe

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



1D344C



1A3E63



1D1D4C



222426



003266



0070E6



# Previews

## White Background



This preview shows how the Hex color 4C351D 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

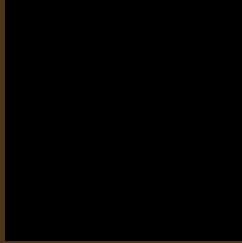
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C351D Background



This preview shows how black text looks on a background with the Hex color 4C351D.

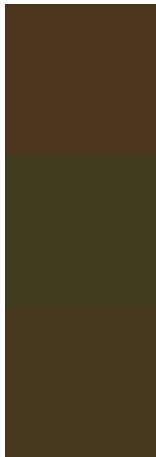


This preview shows how white text looks on a background with the Hex color 4C351D.

# 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**  
4C351D

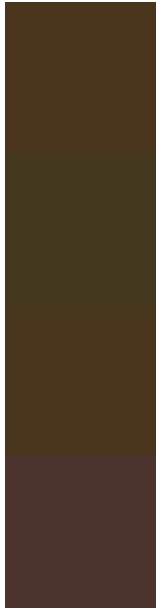
**Protanopia**  
403A1F

**Deuteranopia**  
47371C



**Tritanopia**  
4E3236

# Trichromacy



**Original Color**  
4C351D

**Protanomaly**  
44381E

**Deuteranomaly**  
49361C

**Tritanomaly**  
4D332D

# Monochromacy



**Original Color**  
4C351D

**Achromatopsia**  
393939

**Achromatomaly**  
40382F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C351D 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 #4C351D looks like.

```
.text, #text, p{  
    color:#4C351D  
}
```

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 #4C351D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C351D
}
```

## Border

The CSS property to change the border of an element to Hex 4C351D 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
#4C351D }
```

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

```
.border{ border-color:#4C351D }
```

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

Here you see how a box with a 4 pixel #4C351D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C351D; -webkit-box-shadow:4px 4px  
4px 4px #4C351D; box-shadow:4px 4px 4px  
4px #4C351D }
```

# Background

The CSS property to change the background color of an element to Hex 4C351D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C351D }
```

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

```
.background{ background-color:#4C351D }
```

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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