

# Converting Colors

Hex(4C3928)

Have a look what the booklet for  
Hex(4C3928) contains.

<b>Hex(4C3928)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(4C3928)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C3928
RGB	76, 57, 40
RGB Percent	30%, 22%, 16%
CMY	0.7020, 0.7765, 0.8431
CMYK	0.00, 0.25, 0.47, 0.70
HSL	28°, 31%, 23%
HSV	28°, 47%, 30%
XYZ	4.8266, 4.6160, 2.6441
YIQ	60.7430, 16.7810, -1.2590

# Conversions

## Conversions Part 2

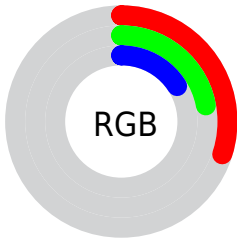
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 72, 40
Decimal	4995368
CIELab	25.61, 5.80, 13.83
CIELCh	26, 14.993, 67.255
Yxy	4.6160, 0.3993, 0.3819
Android (android.graphics.Color)	4283185448 (0xFF4C3928)
YUV	60.7430, -10.2263, 13.3804
Hunter-Lab	21.4848, 2.5022, 7.7427




# Details

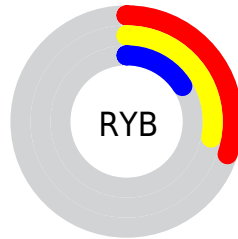
The Hex color **4C3928** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **283B4C**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **7E6855**, and **200E00** is the 20% darker color. If you saturate the color by 10%, you get **4C3520**, and if you desaturate by 10%, it is **4C3D30**.

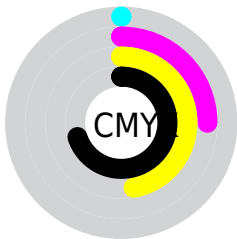
# Distribution







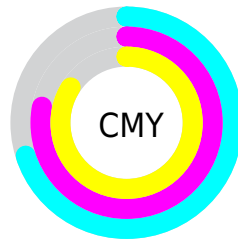
-  Red (30%)
-  Green (22%)
-  Blue (16%)






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



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (47%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (78%)
-  Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C3928 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 4C3928 by changing the saturation by 10% instead.





4C3928



4C3928

FFFFFF



342414



7E6855



200E00



98816E



000000



B39B87



CFB6A1



ECD1BC



FFEED8



FFFFF4



4C3928



4C3928

■ 4C3520

■ 4C3D30

■ 4C3119

■ 4C4137

■ 4C2D11

■ 4C453F

■ 4C290A

■ 4C4946

■ 4C2502

■ 4C4D4E

■ 4C2400

■ 4C5156

■ 4C555D

■ 4C5965

■ 4C5D6C

# Harmonies

## Analogous

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



52362F



4C3928



423D26

# Triad

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



4C3928



1C433F



42394F

# Complementary

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



4C3928



283B4C

# 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.



323D53



4C3928



18424A

# Square

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



4C3928



284234



214051



4D3546

# Rectangle

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



4C3928



3A3F28



214051



3D3A51



# Sweetspot

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



4C3928



635C56



4C283B



332E2A



B3B3B3



333333



# Same Dimension

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



4C3928



63462B



4C4B28



262422



663000



E66C00



# Inverse Universe

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



283B4C



2B4963



28294C



222426



003666

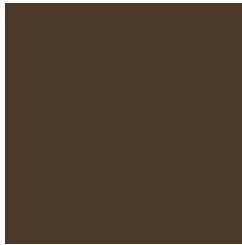


0079E6



# Previews

## White Background



This preview shows how the Hex color 4C3928 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

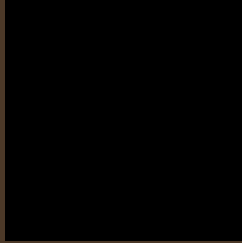
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C3928 Background



This preview shows how black text looks on a background with the Hex color 4C3928.

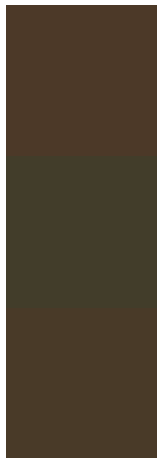


This preview shows how white text looks on a background with the Hex color 4C3928.

# 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**  
4C3928

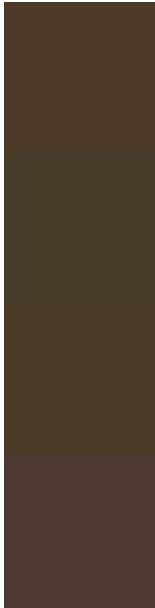
**Protanopia**  
423D2A

**Deuteranopia**  
493A28



**Tritanopia**  
4E373B

# Trichromacy



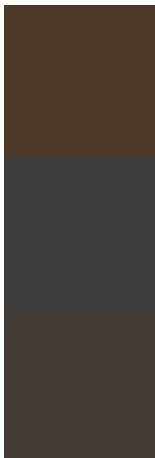
**Original Color**  
4C3928

**Protanomaly**  
463C29

**Deuteranomaly**  
4A3A28

**Tritanomaly**  
4D3834

# Monochromacy



**Original Color**  
4C3928

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
423C35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C3928 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 #4C3928 looks like.

```
.text, #text, p{  
    color:#4C3928  
}
```

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 #4C3928 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3928
}
```

## Border

The CSS property to change the border of an element to Hex 4C3928 is called "border". The border property can be set on classes, ids or directly on the HTML element.

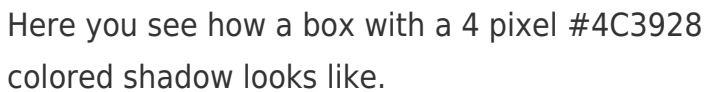
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C3928 }
```

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

```
.border{ border-color:#4C3928 }
```

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



Here you see how a box with a 4 pixel #4C3928 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3928; -webkit-box-shadow:4px 4px  
4px 4px #4C3928; box-shadow:4px 4px 4px  
4px #4C3928 }
```

# Background

The CSS property to change the background color of an element to Hex 4C3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3928 }
```

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

```
.background{ background-color:#4C3928 }
```

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