

# Converting Colors

Hex(4C3429)

Have a look what the booklet for  
Hex(4C3429) contains.

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**Color**

**Hex(4C3429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C3429
RGB	76, 52, 41
RGB Percent	30%, 20%, 16%
CMY	0.7020, 0.7961, 0.8392
CMYK	0.00, 0.32, 0.46, 0.70
HSL	19°, 30%, 23%
HSV	19°, 46%, 30%
XYZ	4.6087, 4.1526, 2.6564
YIQ	57.9220, 17.8350, 1.6670

# Conversions

## Conversions Part 2

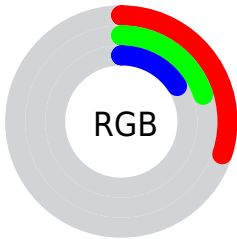
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 57, 41
Decimal	4994089
CIELab	24.17, 9.18, 11.25
CIElCh	24, 14.523, 50.782
Yxy	4.1526, 0.4036, 0.3637
Android (android.graphics.Color)	4283184169 (0xFF4C3429)
YUV	57.9220, -8.3425, 15.8544
Hunter-Lab	20.3779, 4.7088, 6.5355

# Details

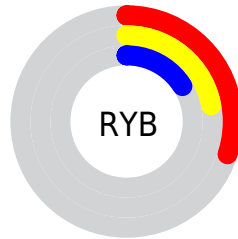
The Hex color **4C3429** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **29414C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7E6356**, and **200700** is the 20% darker color. If you saturate the color by 10%, you get **4C2F21**, and if you desaturate by 10%, it is **4C3931**.

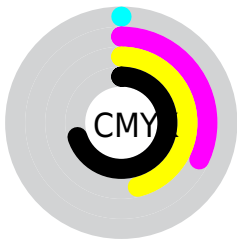
# Distribution



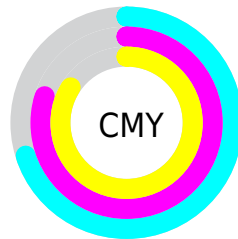
- Red (30%)
- Green (20%)
- Blue (16%)



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



- Cyan (0%)
- Magenta (32%)
- Yellow (46%)
- Black (70%)



- Cyan (70%)
- Magenta (80%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C3429 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 4C3429 by changing the saturation by 10% instead.





4C3429



4C3429

FFFFFF



341F15



7E6356



200700



987B6F



000000



B49588



CFB0A2



ECCBBD



FFE8D9



FFFFF6



4C3429



4C3429

■ 4C2F21

■ 4C3931

■ 4C2A1A

■ 4C3E38

■ 4C2412

■ 4C4440

■ 4C1F0B

■ 4C4947

■ 4C1A03

■ 4C4E4F

■ 4C1800

■ 4C5357

■ 4C585E

■ 4C5E66

■ 4C636D

# Harmonies

## Analogous

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



4F3232



4C3429



443824

# Triad

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



4C3429



203F36



36384E

# Complementary

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



4C3429



29414C

# 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.



263C4F



4C3429



173F41

# Square

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



4C3429



2D3E2B



183E4A



443447

# Rectangle

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



4C3429



3D3A24



183E4A



31394F



# Sweetspot

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



4C3429



635A56



4C2942



332D2A



B3B3B3



333333



# Same Dimension

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



4C3429



633E2D



4C4529



262422



662000



E64800



# Inverse Universe

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



29414C



2D5263



29304C



222526



004666



009DE6



# Previews

## White Background



This preview shows how the Hex color 4C3429 looks on a white background.

## Color Contrast Check

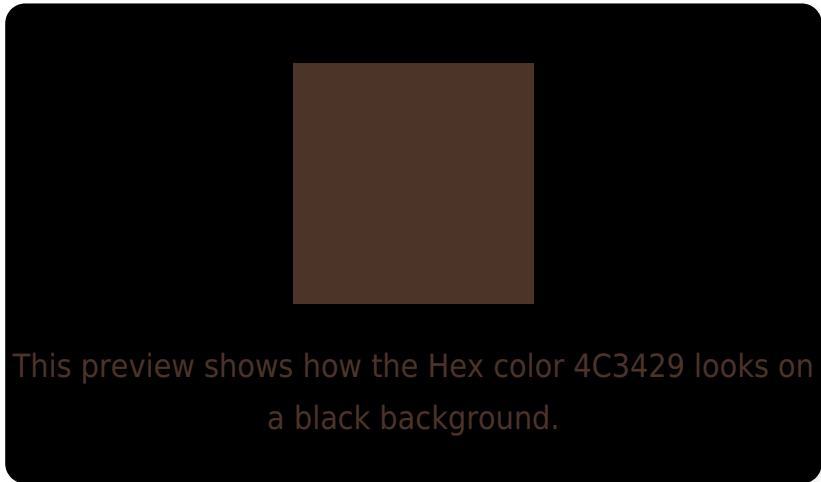
Large Text (above 18pt) WCAG AA ✓ Pass

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

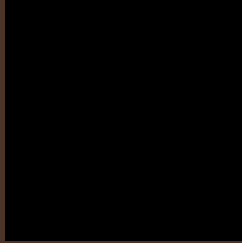
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C3429 Background



This preview shows how black text looks on a background with the Hex color 4C3429.

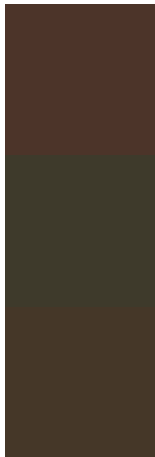


This preview shows how white text looks on a background with the Hex color 4C3429.

# 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**  
4C3429

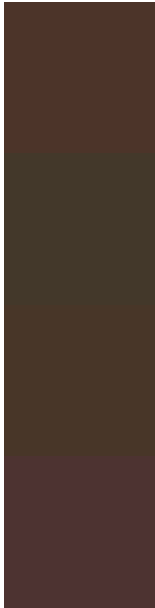
**Protanopia**  
3E3A2B

**Deuteranopia**  
453728



**Tritanopia**  
4D3236

# Trichromacy



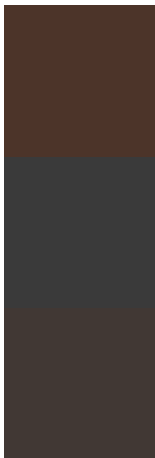
**Original Color**  
4C3429

**Protanomaly**  
43382A

**Deuteranomaly**  
483628

**Tritanomaly**  
4D3331

# Monochromacy



**Original Color**  
4C3429

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
413834

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C3429 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 #4C3429 looks like.

```
.text, #text, p{  
    color:#4C3429  
}
```

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 #4C3429 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3429
}
```

## Border

The CSS property to change the border of an element to Hex 4C3429 is called "border". The border property can be set on classes, ids or directly on the HTML element.

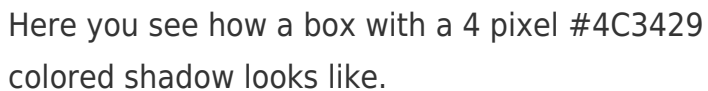
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C3429 }
```

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

```
.border{ border-color:#4C3429 }
```

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



Here you see how a box with a 4 pixel #4C3429 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3429; -webkit-box-shadow:4px 4px  
4px 4px #4C3429; box-shadow:4px 4px 4px  
4px #4C3429 }
```

# Background

The CSS property to change the background color of an element to Hex 4C3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3429 }
```

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

```
.background{ background-color:#4C3429 }
```

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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