

# Converting Colors

Hex(4C570B)

Have a look what the booklet for  
Hex(4C570B) contains.

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**Color**

**Hex(4C570B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C570B
RGB	76, 87, 11
RGB Percent	30%, 34%, 4%
CMY	0.7020, 0.6588, 0.9569
CMYK	0.13, 0.00, 0.87, 0.66
HSL	69°, 78%, 19%
HSV	69°, 87%, 34%
XYZ	6.4491, 8.3771, 1.5936
YIQ	75.0470, 17.8400, -25.9680

# Conversions

## Conversions Part 2

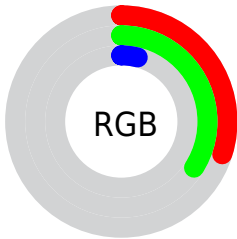
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 87, 22
Decimal	5003019
CIELab	34.76, -14.84, 38.59
CIElCh	35, 41.344, 111.038
Yxy	8.3771, 0.3928, 0.5102
Android (android.graphics.Color)	4283193099 (0xFF4C570B)
YUV	75.0470, -31.5752, 0.8358
Hunter-Lab	28.9431, -10.8772, 16.9956

# Details

The Hex color **4C570B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **160B57**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7F893E**, and **1C2A00** is the 20% darker color. If you saturate the color by 10%, you get **4B5702**, and if you desaturate by 10%, it is **4D5714**.

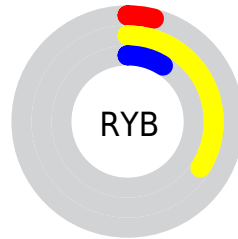
# Distribution



Red (30%)

Green (34%)

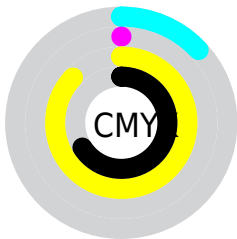
Blue (4%)



Red (4%)

Yellow (34%)

Blue (9%)

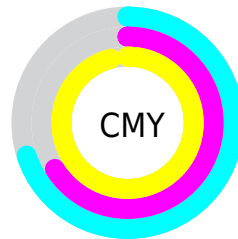


Cyan (13%)

Magenta (0%)

Yellow (87%)

Black (66%)



Cyan (70%)

Magenta (66%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C570B 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 4C570B by changing the saturation by 10% instead.





4C570B



4C570B



FFFFFF9



344000



7F893E



1C2A00



9AA356



001700



B6BE70



000000



D2DA8A



EFF6A4



FFFFC0



FFFFDC



4C570B



4C570B

■ 4B5702

■ 4D5714

■ 4A5700

■ 4F571C

■ 505725

■ 51572E

■ 525737

■ 54573F

■ 555748

■ 565751

■ 575759

# Harmonies

## Analogous

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



6B4D08



4C570B



225D26

# Triad

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



4C570B



005F84



88335D

# Complementary

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



4C570B



160B57

# 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.



703F7C



4C570B



005893

# Square

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



4C570B



006168



3F4D8F



8D333C

# Rectangle

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



4C570B



00603B



3F4D8F



823668



# Sweetspot

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



4C570B



6C7053



57150B



363827



B8B8B8



383838



# Same Dimension

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



4C570B



607000



27570B



2B2B27



5C6B00



C9EB00



# Inverse Universe

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



160B57



100070



3B0B57



28272B



10006B



2200EB



# Previews

## White Background



This preview shows how the Hex color 4C570B 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

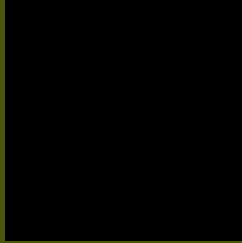
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C570B Background



This preview shows how black text looks on a background with the Hex color 4C570B.



This preview shows how white text looks on a background with the Hex color 4C570B.

# 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**  
4C570B

**Protanopia**  
5C5209

**Deuteranopia**  
674E12



**Tritanopia**  
535157

# Trichromacy



**Original Color**  
4C570B

**Protanomaly**  
56540A

**Deuteranomaly**  
5D510F

**Tritanomaly**  
50533B

# Monochromacy



**Original Color**  
4C570B

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
4B4F34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C570B 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 #4C570B looks like.

```
.text, #text, p{  
    color:#4C570B  
}
```

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 #4C570B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C570B
}
```

## Border

The CSS property to change the border of an element to Hex 4C570B 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
#4C570B }
```

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

```
.border{ border-color:#4C570B }
```

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

Here you see how a box with a 4 pixel #4C570B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C570B; -webkit-box-shadow:4px 4px  
4px 4px #4C570B; box-shadow:4px 4px 4px  
4px #4C570B }
```

# Background

The CSS property to change the background color of an element to Hex 4C570B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C570B }
```

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

```
.background{ background-color:#4C570B }
```

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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