

# Converting Colors

Hex(4C2118)

Have a look what the booklet for  
Hex(4C2118) contains.

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**Color**

**Hex(4C2118)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C2118
RGB	76, 33, 24
RGB Percent	30%, 13%, 9%
CMY	0.7020, 0.8706, 0.9059
CMYK	0.00, 0.57, 0.68, 0.70
HSL	10°, 52%, 20%
HSV	10°, 68%, 30%
XYZ	3.6892, 2.6902, 1.1890
YIQ	44.8310, 28.5170, 6.3170

# Conversions

## Conversions Part 2

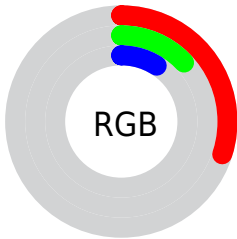
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 35, 24
Decimal	4989208
CIE <sub>Lab</sub>	18.76, 19.47, 15.56
CIE <sub>LCh</sub>	19, 24.924, 38.618
Yxy	2.6902, 0.4875, 0.3554
Android (android.graphics.Color)	4283179288 (0xFF4C2118)
YUV	44.8310, -10.2697, 27.3352
Hunter-Lab	16.4017, 11.4468, 7.1833

# Details

The Hex color **4C2118** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **18434C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **804F43**, and **1B0001** is the 20% darker color. If you saturate the color by 10%, you get **4C1B10**, and if you desaturate by 10%, it is **4C2720**.

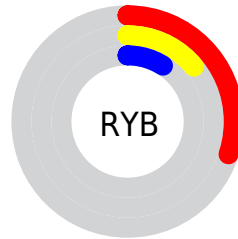
# Distribution



Red (30%)

Green (13%)

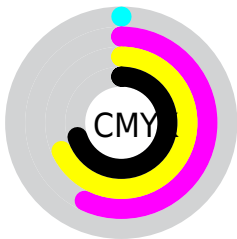
Blue (9%)



Red (30%)

Yellow (14%)

Blue (9%)

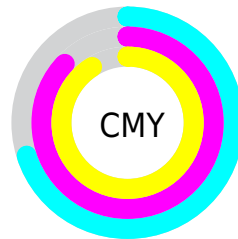


Cyan (0%)

Magenta (57%)

Yellow (68%)

Black (70%)



Cyan (70%)

Magenta (87%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C2118 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 4C2118 by changing the saturation by 10% instead.



 4C2118

 4C2118

 FFFFFB

 340B00

 804F43

 1B0001

 9B675B

 000000

 B78073

 D39A8D

 F0B5A7

 FFD1C2

 FFEDDE

 4C2118

 4C2118

■ 4C1B10

■ 4C2720

■ 4C1409

■ 4C2E27

■ 4C0E01

■ 4C342F

■ 4C0D00

■ 4C3A36

■ 4C403E

■ 4C4746

■ 4C4D4D

■ 4C5355

■ 4C5A5C

# Harmonies

## Analogous

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



4F1D29



4C2118



42280A

# Triad

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



4C2118



003620



142E51

# Complementary

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



4C2118



18434C

# 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.



00334F



4C2118



003632

# Square

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



4C2118



1F3310



003644



35274A

# Rectangle

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



4C2118



382C05



003644



003052



# Sweetspot

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



4C2118



63524F



4C1843



332826



B3B3B3



333333



# Same Dimension

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



4C2118



632012



4C3B18



262322



661200



E62800



# Inverse Universe

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



18434C



125563



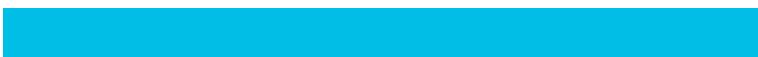
18294C



222626



005466

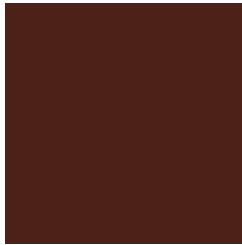


00BEE6



# Previews

## White Background



This preview shows how the Hex color 4C2118 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

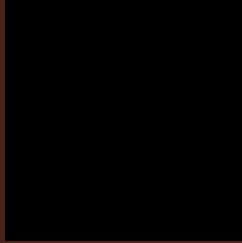
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C2118 Background



This preview shows how black text looks on a background with the Hex color 4C2118.

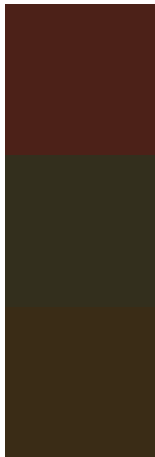


This preview shows how white text looks on a background with the Hex color 4C2118.

# 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



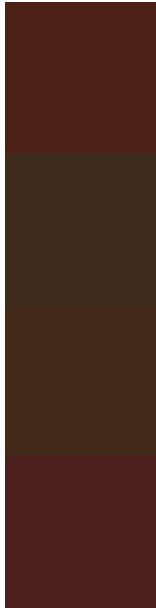
**Original Color**  
4C2118

**Protanopia**  
332F1D

**Deuteranopia**  
3A2C16



# Trichromacy



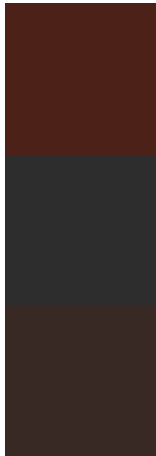
**Original Color**  
4C2118

**Protanomaly**  
3C2A1B

**Deuteranomaly**  
412817

**Tritanomaly**  
4C201E

# Monochromacy



**Original Color**  
4C2118

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
382925

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C2118 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 #4C2118 looks like.

```
.text, #text, p{  
    color:#4C2118  
}
```

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 #4C2118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2118
}
```

## Border

The CSS property to change the border of an element to Hex 4C2118 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".

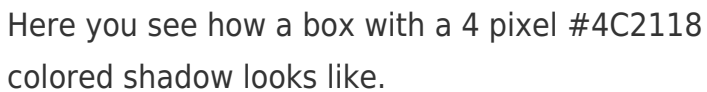
```
.border, #border, table{ border:4px solid
#4C2118 }
```

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

```
.border{ border-color:#4C2118 }
```

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

Here you see how a box with a 4 pixel #4C2118 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2118; -webkit-box-shadow:4px 4px  
4px 4px #4C2118; box-shadow:4px 4px 4px  
4px #4C2118 }
```

# Background

The CSS property to change the background color of an element to Hex 4C2118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2118 }
```

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

```
.background{ background-color:#4C2118 }
```

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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