

Converting Colors

Hex(4C2116)

Have a look what the booklet for
Hex(4C2116) contains.

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Color

Hex(4C2116)

Conversions

Conversions Part 1

Format	Color
Hex	4C2116
RGB	76, 33, 22
RGB Percent	30%, 13%, 9%
CMY	0.7020, 0.8706, 0.9137
CMYK	0.00, 0.57, 0.71, 0.70
HSL	12°, 55%, 19%
HSV	12°, 71%, 30%
XYZ	3.6692, 2.6821, 1.0834
YIQ	44.6030, 29.1590, 5.6950

Conversions

Conversions Part 2

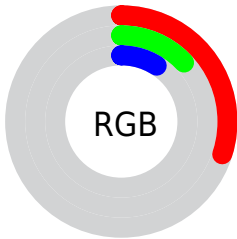
Format	Color
R_{YB}	76, 36, 22
Decimal	4989206
CIE Lab	18.72, 19.32, 16.85
CIE LCh	19, 25.633, 41.101
Yxy	2.6821, 0.4935, 0.3608
Android (android.graphics.Color)	4283179286 (0xFF4C2116)
YUV	44.6030, -11.1433, 27.5352
Hunter-Lab	16.3772, 11.3311, 7.5420

Details

The Hex color **4C2116** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **16414C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **804E41**, and **1B0001** is the 20% darker color. If you saturate the color by 10%, you get **4C1B0E**, and if you desaturate by 10%, it is **4C271E**.

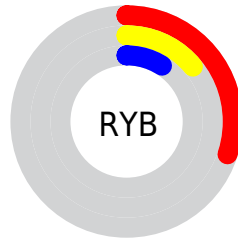
Distribution



 Red (30%)

 Green (13%)

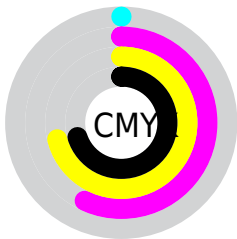
 Blue (9%)



 Red (30%)

 Yellow (14%)

 Blue (9%)

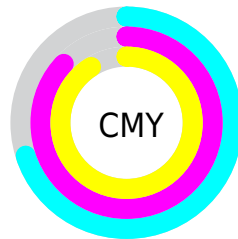


 Cyan (0%)

 Magenta (57%)

 Yellow (71%)

 Black (70%)



 Cyan (70%)

 Magenta (87%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C2116 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 4C2116 by changing the saturation by 10% instead.

 4C2116

 4C2116

 FFFFF8

 340B00

 804E41

 1B0001

 9B6758

 000000

 B78071

 D49A8A

 F1B5A5

 FFD1C0

 FFEDDC

 4C2116

 4C2116

■ 4C1B0E

■ 4C271E

■ 4C1507

■ 4C2D25

■ 4C0F00

■ 4C332D

■ 4C3934

■ 4C3F3C

■ 4C4544

■ 4C4B4B

■ 4C5153

■ 4C575A

Harmonies

Analogous

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



4F1C27



4C2116



412807

Triad

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



4C2116



003621



162D52

Complementary

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



4C2116



16414C

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.



003351



4C2116



003734

Square

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



4C2116



1D3310



003646



37264A

Rectangle

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



4C2116



372D03



003646



002F53

Sweetspot

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



4C2116



63534F



4C1641



332926



B3B3B3



333333

Same Dimension

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



4C2116



63200F



4C3C16



262322



661500



E62F00

Inverse Universe

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



16414C



0F5263



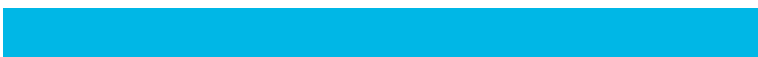
16264C



222526



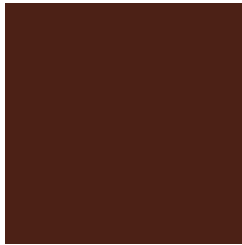
005166



00B7E6

Previews

White Background



This preview shows how the Hex color 4C2116 looks on a white background.

Color Contrast Check

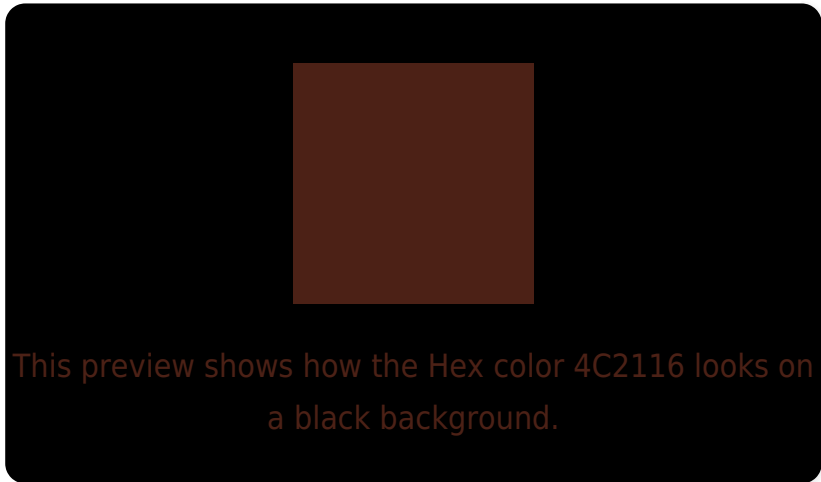
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C2116 Background



This preview shows how black text looks on a background with the Hex color 4C2116.

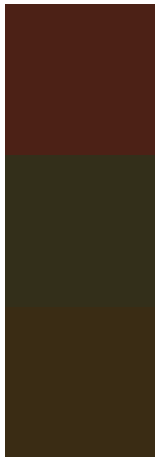


This preview shows how white text looks on a background with the Hex color 4C2116.

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

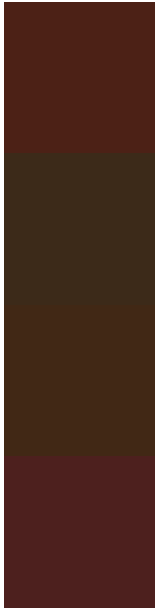


Original Color
4C2116

Protanopia
332F1A

Deuteranopia
3A2C14

Trichromacy



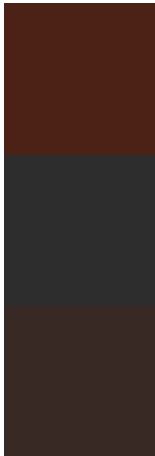
Original Color
4C2116

Protanomaly
3C2A19

Deuteranomaly
412815

Tritanomaly
4D201E

Monochromacy



Original Color
4C2116

Achromatopsia
2D2D2D

Achromatomaly
382925

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C2116 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 #4C2116 looks like.

```
.text, #text, p{  
    color:#4C2116  
}
```

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 #4C2116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2116
}
```

Border

The CSS property to change the border of an element to Hex 4C2116 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".

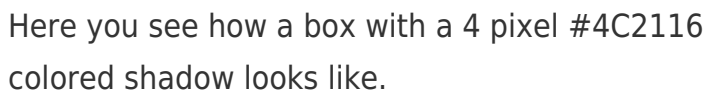
```
.border, #border, table{ border:4px solid
#4C2116 }
```

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

```
.border{ border-color:#4C2116 }
```

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

Here you see how a box with a 4 pixel #4C2116 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2116; -webkit-box-shadow:4px 4px  
4px 4px #4C2116; box-shadow:4px 4px 4px  
4px #4C2116 }
```

Background

The CSS property to change the background color of an element to Hex 4C2116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2116 }
```

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

```
.background{ background-color:#4C2116 }
```

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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