

Converting Colors

Hex(4C2C13)

Have a look what the booklet for
Hex(4C2C13) contains.

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Color

Hex(4C2C13)

Conversions

Conversions Part 1

Format	Color
Hex	4C2C13
RGB	76, 44, 19
RGB Percent	30%, 17%, 7%
CMY	0.7020, 0.8275, 0.9255
CMYK	0.00, 0.42, 0.75, 0.70
HSL	26°, 60%, 19%
HSV	26°, 75%, 30%
XYZ	3.9987, 3.3849, 1.0587
YIQ	50.7180, 27.0970, -0.9910

Conversions

Conversions Part 2

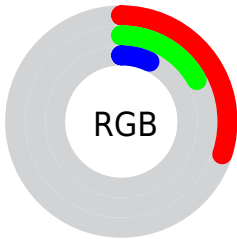
Format	Color
R_{YB}	76, 64, 19
Decimal	4992019
CIE _{Lab}	21.52, 12.16, 22.01
CIE _{LCh}	22, 25.144, 61.081
Yxy	3.3849, 0.4737, 0.4009
Android (android.graphics.Color)	4283182099 (0xFF4C2C13)
YUV	50.7180, -15.6370, 22.1723
Hunter-Lab	18.3980, 6.5994, 9.4669

Details

The Hex color **4C2C13** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **13334C**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **805A3E**, and **1D0000** is the 20% darker color. If you saturate the color by 10%, you get **4C280B**, and if you desaturate by 10%, it is **4C301B**.

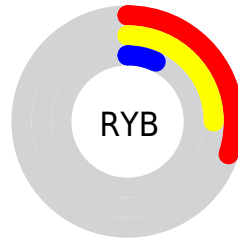
Distribution



Red (30%)

Green (17%)

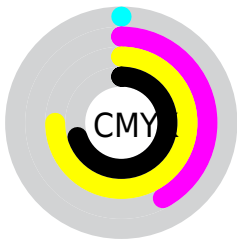
Blue (7%)



Red (30%)

Yellow (25%)

Blue (7%)

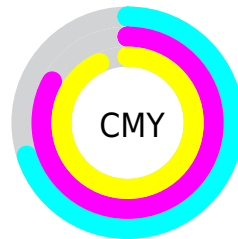


Cyan (0%)

Magenta (42%)

Yellow (75%)

Black (70%)



Cyan (70%)

Magenta (83%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C2C13 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 4C2C13 by changing the saturation by 10% instead.

 4C2C13

 4C2C13

 FFFFF6

 341700

 805A3E

 1D0000

 9B7256

 000000

 B68C6E

 D3A688

 F0C1A2

 FFDDBD

 FFFAD9

 4C2C13

 4C2C13

■ 4C280B

■ 4C301B

■ 4C2304

■ 4C3522

■ 4C2100

■ 4C392A

■ 4C3D31

■ 4C4139

■ 4C4641

■ 4C4A48

■ 4C4E50

■ 4C5257

Harmonies

Analogous

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



552522



4C2C13



3D330C

Triad

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



4C2C13



003D34



352E54

Complementary

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



4C2C13



13334C

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.



0D3559



4C2C13



003C46

Square

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



4C2C13



103B21



003A54



4B2746

Rectangle

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



4C2C13



31370F



003A54



2B3156

Sweetspot

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



4C2C13



63574D



4C1333



332B25



B3B3B3



333333

Same Dimension

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



4C2C13



63310A



4C4813



262422



662D00



E66500

Inverse Universe

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



13334C



0A3C63



13174C



222526



003966



0081E6

Previews

White Background



This preview shows how the Hex color 4C2C13 looks on a white background.

Color Contrast Check

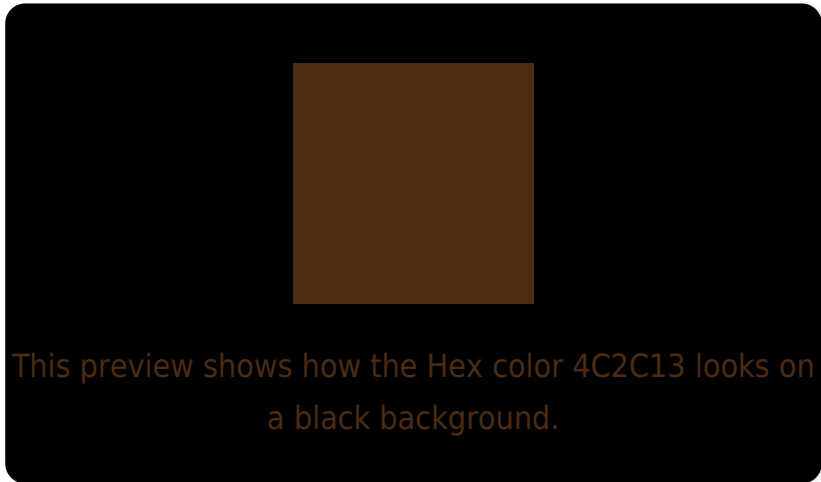
Large Text (above 18pt) WCAG AA ✓ Pass

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

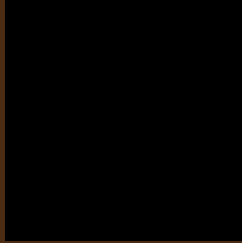
Any Text WCAG AA × Fail

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 4C2C13 Background



This preview shows how black text looks on a background with the Hex color 4C2C13.

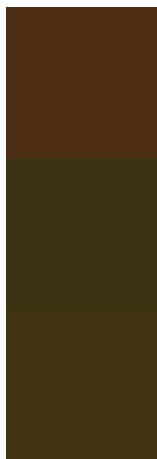


This preview shows how white text looks on a background with the Hex color 4C2C13.

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
4C2C13

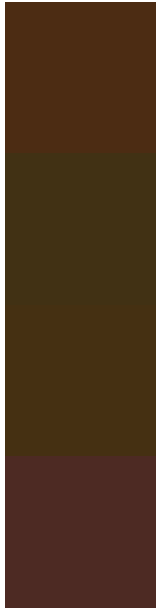
Protanopia
3A3415

Deuteranopia
413211



Tritanopia
4D292C

Trichromacy



Original Color
4C2C13

Protanomaly
413114

Deuteranomaly
453012

Tritanomaly
4D2A23

Monochromacy



Original Color
4C2C13

Achromatopsia
333333

Achromatomaly
3C3027

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C2C13 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 #4C2C13 looks like.

```
.text, #text, p{  
    color:#4C2C13  
}
```

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 #4C2C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2C13
}
```

Border

The CSS property to change the border of an element to Hex 4C2C13 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
#4C2C13 }
```

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

```
.border{ border-color:#4C2C13 }
```

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

Here you see how a box with a 4 pixel #4C2C13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2C13; -webkit-box-shadow:4px 4px  
4px 4px #4C2C13; box-shadow:4px 4px 4px  
4px #4C2C13 }
```

Background

The CSS property to change the background color of an element to Hex 4C2C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2C13 }
```

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

```
.background{ background-color:#4C2C13 }
```

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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