

Converting Colors

Hex(4C4A22)

Have a look what the booklet for
Hex(4C4A22) contains.

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Color

Hex(4C4A22)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 4C4A22 |
| RGB | 76, 74, 34 |
| RGB Percent | 30%, 29%, 13% |
| CMY | 0.7020, 0.7098, 0.8667 |
| CMYK | 0.00, 0.03, 0.55, 0.70 |
| HSL | 57°, 38%, 22% |
| HSV | 57°, 55%, 30% |
| XYZ | 5.7180, 6.5496, 2.4762 |
| YIQ | 70.0380, 14.0320, -12.0160 |

Conversions

Conversions Part 2

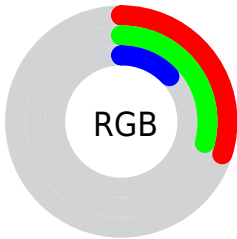
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 36, 76, 34 |
| Decimal | 4999714 |
| CIELab | 30.76, -5.63, 23.95 |
| CIELCh | 31, 24.607, 103.224 |
| Yxy | 6.5496, 0.3878, 0.4442 |
| Android (android.graphics.Color) | 4283189794 (0xFF4C4A22) |
| YUV | 70.0380, -17.7667, 5.2287 |
| Hunter-Lab | 25.5921, -4.9042, 12.1778 |

Details

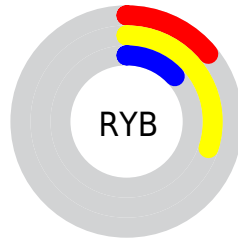
The Hex color **4C4A22** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22244C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7E7B50**, and **1F1E00** is the 20% darker color. If you saturate the color by 10%, you get **4C4A1A**, and if you desaturate by 10%, it is **4C4A2A**.

Distribution



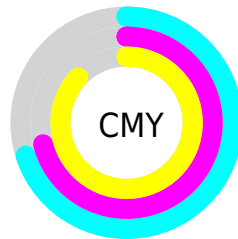
- Red (30%)
- Green (29%)
- Blue (13%)



- Red (14%)
- Yellow (30%)
- Blue (13%)



- Cyan (0%)
- Magenta (3%)
- Yellow (55%)
- Black (70%)



- Cyan (70%)
- Magenta (71%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4A22 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 4C4A22 by changing the saturation by 10% instead.

 4C4A22

 4C4A22

FFFFFF

 34340C

 7E7B50

 1F1E00

 989468

 000500

 B4AF81

 000000

 CFCA9C

 ECE6B7

 FFFFD2

 FFFFEE

 4C4A22

 4C4A22

■ 4C4A1A

■ 4C4A2A

■ 4C4913

■ 4C4B31

■ 4C490B

■ 4C4B39

■ 4C4904

■ 4C4B40

■ 4C4800

■ 4C4C48

■ 4C4C50

■ 4C4D57

■ 4C4D5F

■ 4C4D66

Harmonies

Analogous

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



5D4423



4C4A22



374F2C

Triad

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



4C4A22



005162



673A54

Complementary

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



4C4A22



22244C

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.



554064



4C4A22



0C4D6D

Square

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



4C4A22



005251



39476E



6D3941

Rectangle

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



4C4A22



265136



39476E



623C5A

Sweetspot

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



4C4A22



636353



4C2224



333329



B3B3B3



333333

Same Dimension

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



4C4A22



636022



394C22



262622



666100



E6DB00

Inverse Universe

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



22244C



222563



35224C



222326



000566



000BE6

Previews

White Background



This preview shows how the Hex color 4C4A22 looks on a white background.

Color Contrast Check

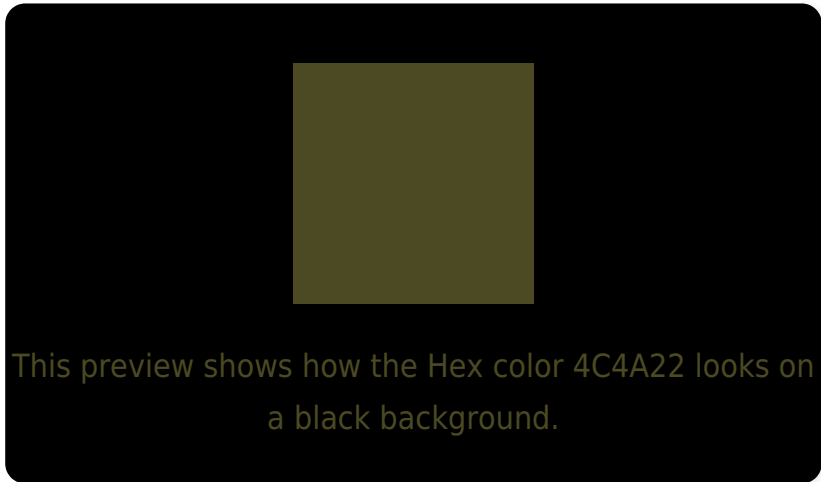
Large Text (above 18pt) WCAG AA ✓ Pass

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

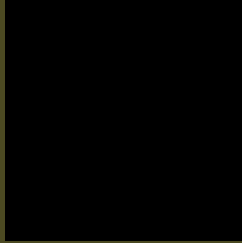
Any Text WCAG AA × Fail

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 4C4A22 Background



This preview shows how black text looks on a background with the Hex color 4C4A22.

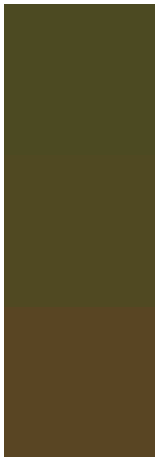


This preview shows how white text looks on a background with the Hex color 4C4A22.

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
4C4A22

Protanopia
504922

Deuteranopia
594523



Tritanopia
50464B

Trichromacy



Original Color
4C4A22

Protanomaly
4F4922

Deuteranomaly
544723

Tritanomaly
4F473C

Monochromacy



Original Color
4C4A22

Achromatopsia
464646

Achromatomaly
484739

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4A22 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 #4C4A22 looks like.

```
.text, #text, p{  
    color:#4C4A22  
}
```

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 #4C4A22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4A22
}
```

Border

The CSS property to change the border of an element to Hex 4C4A22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

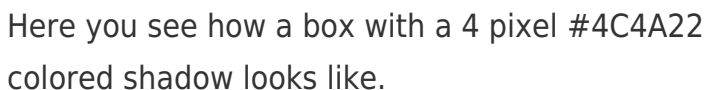
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4A22 }
```

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

```
.border{ border-color:#4C4A22 }
```

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



Here you see how a box with a 4 pixel #4C4A22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4A22; -webkit-box-shadow:4px 4px  
4px 4px #4C4A22; box-shadow:4px 4px 4px  
4px #4C4A22 }
```

Background

The CSS property to change the background color of an element to Hex 4C4A22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4A22 }
```

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

```
.background{ background-color:#4C4A22 }
```

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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