

Converting Colors

Hex(4C3D22)

Have a look what the booklet for
Hex(4C3D22) contains.

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Color

Hex(4C3D22)

Conversions

Conversions Part 1

Format	Color
Hex	4C3D22
RGB	76, 61, 34
RGB Percent	30%, 24%, 13%
CMY	0.7020, 0.7608, 0.8667
CMYK	0.00, 0.20, 0.55, 0.70
HSL	39°, 38%, 22%
HSV	39°, 55%, 30%
XYZ	4.9380, 4.9895, 2.2162
YIQ	62.4070, 17.6070, -5.2170

Conversions

Conversions Part 2

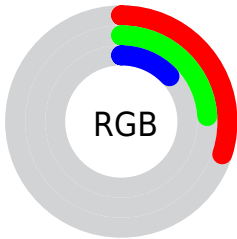
Format	Color
RYB	57, 76, 34
Decimal	4996386
CIELab	26.70, 2.50, 19.02
CIELCh	27, 19.186, 82.522
Yxy	4.9895, 0.4066, 0.4109
Android (android.graphics.Color)	4283186466 (0xFF4C3D22)
YUV	62.4070, -14.0047, 11.9211
Hunter-Lab	22.3371, 0.3702, 9.7535

Details

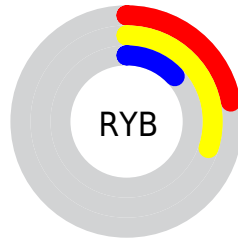
The Hex color **4C3D22** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22314C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7E6C4F**, and **1F1300** is the 20% darker color. If you saturate the color by 10%, you get **4C3A1A**, and if you desaturate by 10%, it is **4C402A**.

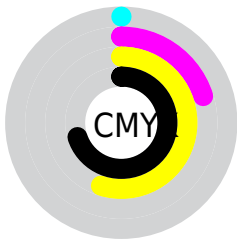
Distribution



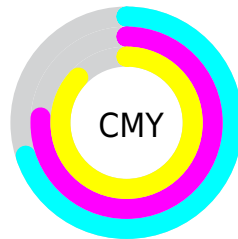
- Red (30%)
- Green (24%)
- Blue (13%)



- Red (22%)
- Yellow (30%)
- Blue (13%)



- Cyan (0%)
- Magenta (20%)
- Yellow (55%)
- Black (70%)



- Cyan (70%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C3D22 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 4C3D22 by changing the saturation by 10% instead.



4C3D22



4C3D22

FFFFFF



34270D



7E6C4F



1F1300



998567



000000



B4A080



D0BB9A



ECD6B5



FFF3D1



FFFFED



4C3D22



4C3D22

■ 4C3A1A

■ 4C402A

■ 4C3813

■ 4C4231

■ 4C350B

■ 4C4539

■ 4C3204

■ 4C4840

■ 4C3100

■ 4C4B48

■ 4C4D50

■ 4C5057

■ 4C535F

■ 4C5566

Harmonies

Analogous

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



573828



4C3D22



3E4224

Triad

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



4C3D22



02474A



4E3751

Complementary

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



4C3D22



22314C

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.



3B3D5A



4C3D22



064556

Square

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



4C3D22



19473B



23425C



593443

Rectangle

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



4C3D22



324429



23425C



493955

Sweetspot

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



4C3D22



635D53



4C2231



332F29



B3B3B3



333333

Same Dimension

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



4C3D22



634C22



464C22



262522



664200



E69400

Inverse Universe

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



22314C



223963



28224C



222426



002466



0052E6

Previews

White Background



This preview shows how the Hex color 4C3D22 looks on a white background.

Color Contrast Check

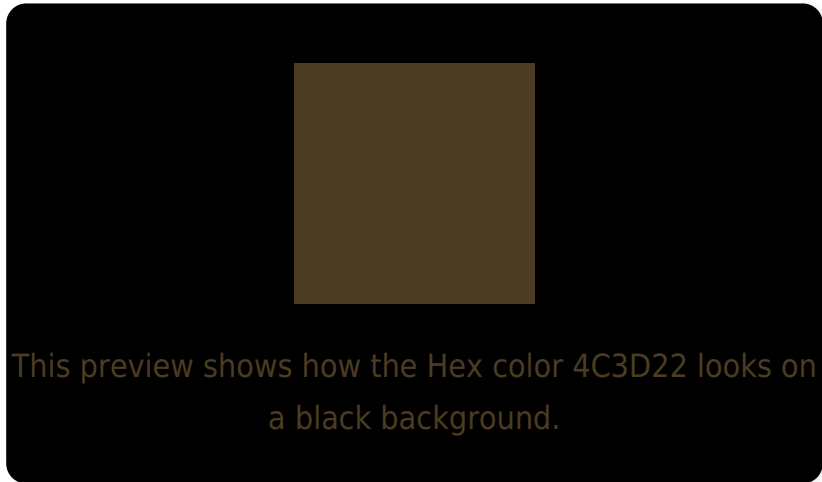
Large Text (above 18pt) WCAG AA ✓ Pass

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

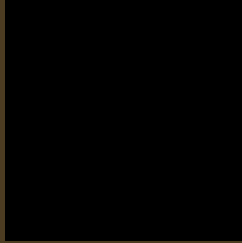
Any Text WCAG AA × Fail

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 4C3D22 Background



This preview shows how black text looks on a background with the Hex color 4C3D22.

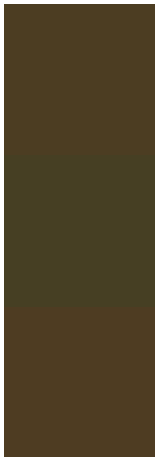


This preview shows how white text looks on a background with the Hex color 4C3D22.

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
4C3D22

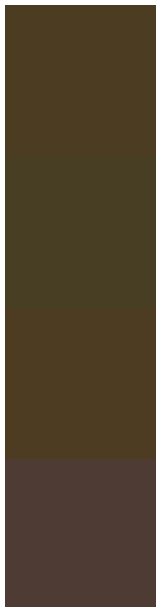
Protanopia
463F23

Deuteranopia
4E3C22



Tritanopia
4E3A3E

Trichromacy



Original Color

4C3D22

Protanomaly

483E23

Deuteranomaly

4D3C22

Tritanomaly

4D3B34

Monochromacy



Original Color

4C3D22

Achromatopsia

3E3E3E

Achromatomaly

433E34

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C3D22 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 #4C3D22 looks like.

```
.text, #text, p{  
    color:#4C3D22  
}
```

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 #4C3D22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3D22
}
```

Border

The CSS property to change the border of an element to Hex 4C3D22 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".

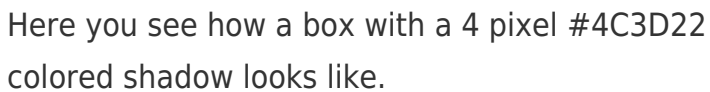
```
.border, #border, table{ border:4px solid
#4C3D22 }
```

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

```
.border{ border-color:#4C3D22 }
```

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

Here you see how a box with a 4 pixel #4C3D22 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3D22; -webkit-box-shadow:4px 4px  
4px 4px #4C3D22; box-shadow:4px 4px 4px  
4px #4C3D22 }
```

Background

The CSS property to change the background color of an element to Hex 4C3D22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3D22 }
```

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

```
.background{ background-color:#4C3D22 }
```

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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