

Converting Colors

Hex(4C3700)

Have a look what the booklet for
Hex(4C3700) contains.

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Color

Hex(4C3700)

Conversions

Conversions Part 1

Format	Color
Hex	4C3700
RGB	76, 55, 0
RGB Percent	30%, 22%, 0%
CMY	0.7020, 0.7843, 1.0000
CMYK	0.00, 0.28, 1.00, 0.70
HSL	43°, 100%, 15%
HSV	43°, 100%, 30%
XYZ	4.3467, 4.2689, 0.5949
YIQ	55.0090, 30.1710, -12.6530

Conversions

Conversions Part 2

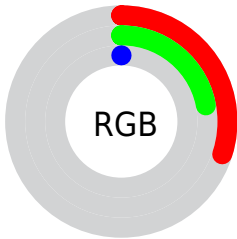
Format	Color
RYB	29, 76, 0
Decimal	4994816
CIELab	24.54, 4.06, 33.80
CIELCh	25, 34.046, 83.156
Yxy	4.2689, 0.4719, 0.4635
Android (android.graphics.Color)	4283184896 (0xFF4C3700)
YUV	55.0090, -27.1194, 18.4091
Hunter-Lab	20.6613, 1.3953, 12.7558

Details

The Hex color **4C3700** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **00154C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **806630**, and **1B0C00** is the 20% darker color. If you saturate the color by 10%, you get **4C3700**, and if you desaturate by 10%, it is **4C3908**.

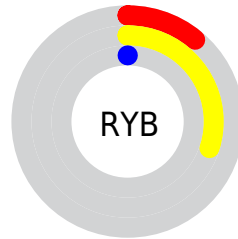
Distribution



Red (30%)

Green (22%)

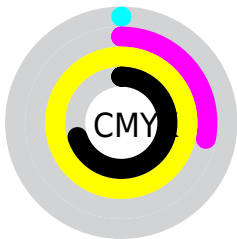
Blue (0%)



Red (11%)

Yellow (30%)

Blue (0%)

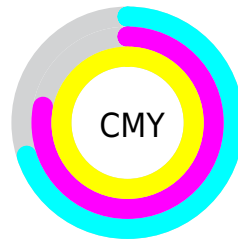


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (70%)



Cyan (70%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C3700 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 4C3700 by changing the saturation by 10% instead.

 4C3700

 4C3700

 FFFFE6

 332200

 806630

 1B0C00

 9B7E48

 000000

 B79860

 D4B379

 F1CE93

 FFEBAE

 FFFFCA

 4C3700

■ 4C3908

■ 4C3B0F

■ 4C3D17

■ 4C3F1E

■ 4C4226

■ 4C442E

■ 4C4635

■ 4C483D

■ 4C4A44

Harmonies

Analogous

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



5E2D11



4C3700



343F04

Triad

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



4C3700



00464E



532A59

Complementary

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



4C3700



00154C

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.



2F366A



4C3700



004463

Square

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



4C3700



004633



003F6D



652141

Rectangle

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



4C3700



1F4212



003F6D



4A2E60

Sweetspot

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



4C3700



635B46



4C0016



332E21



B3B3B3



333333

Same Dimension

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



4C3700



634800



3C4C00



262522



664A00



E6A600

Inverse Universe

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



00154C



001B63



10004C



222326



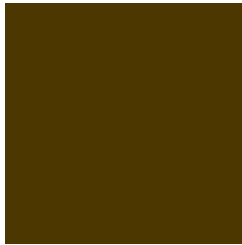
001C66



003FE6

Previews

White Background



This preview shows how the Hex color 4C3700 looks on a white background.

Color Contrast Check

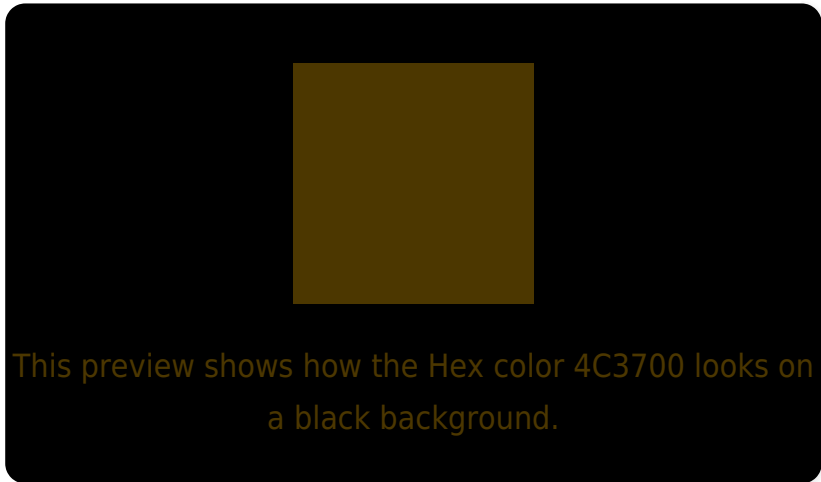
Large Text (above 18pt) WCAG AA ✓ Pass

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

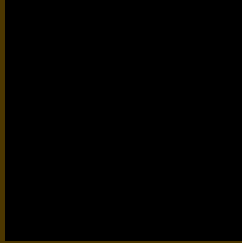
Any Text WCAG AA × Fail

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 4C3700 Background



This preview shows how black text looks on a background with the Hex color 4C3700.



This preview shows how white text looks on a background with the Hex color 4C3700.

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
4C3700

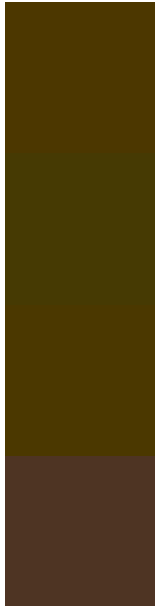
Protanopia
423B04

Deuteranopia
4A3800



Tritanopia
4F3337

Trichromacy



Original Color
4C3700

Protanomaly
463A03

Deuteranomaly
4B3800

Tritanomaly
4E3423

Monochromacy



Original Color
4C3700

Achromatopsia
373737

Achromatomaly
3F3723

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C3700 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 #4C3700 looks like.

```
.text, #text, p{  
    color:#4C3700  
}
```

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 #4C3700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3700
}
```

Border

The CSS property to change the border of an element to Hex 4C3700 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
#4C3700 }
```

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

```
.border{ border-color:#4C3700 }
```

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

Here you see how a box with a 4 pixel #4C3700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3700; -webkit-box-shadow:4px 4px  
4px 4px #4C3700; box-shadow:4px 4px 4px  
4px #4C3700 }
```

Background

The CSS property to change the background color of an element to Hex 4C3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3700 }
```

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

```
.background{ background-color:#4C3700 }
```

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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