

Converting Colors

Hex(CA4A00)

Have a look what the booklet for
Hex(CA4A00) contains.

Hex(CA4A00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CA4A00)

Conversions

Conversions Part 1

Format	Color
Hex	CA4A00
RGB	202, 74, 0
RGB Percent	79%, 29%, 0%
CMY	0.2078, 0.7098, 1.0000
CMYK	0.00, 0.63, 1.00, 0.21
HSL	22°, 100%, 40%
HSV	22°, 100%, 79%
XYZ	26.8059, 17.4541, 1.9562
YIQ	103.8360, 100.0420, 4.1220

Conversions

Conversions Part 2

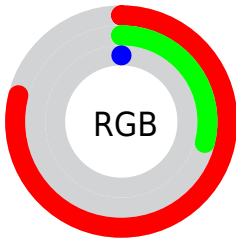
Format	Color
RYB	202, 117, 0
Decimal	13257216
CIELab	48.83, 48.47, 59.39
CIElCh	49, 76.656, 50.783
Yxy	17.4541, 0.5800, 0.3777
Android (android.graphics.Color)	4291447296 (0xFFCA4A00)
YUV	103.8360, -51.1911, 86.0898
Hunter-Lab	41.7781, 41.4184, 26.4686

Details

The Hex color **CA4A00** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0080CA**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF803C**, and **8B0E00** is the 20% darker color. If you saturate the color by 10%, you get **CA4A00**, and if you desaturate by 10%, it is **CA5714**.

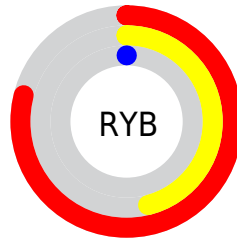
Distribution



Red (79%)

Green (29%)

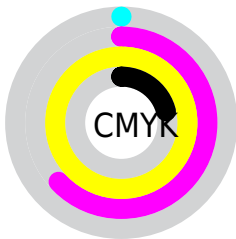
Blue (0%)



Red (79%)

Yellow (46%)

Blue (0%)

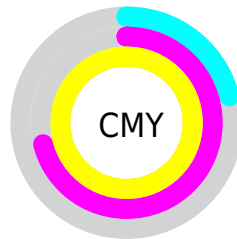


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA4A00 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 CA4A00 by changing the saturation by 10% instead.

 CA4A00

 CA4A00

 FFFFFA

 AA2F00

 FF803C

 8B0E00

 FF9B55

 6C0000

 FFB76F

 4F0000

 FFD38A

 350002

 FFF0A5

 010000

 FFFFC1

 000000

 FFFFDD

 CA4A00

 CA5714

 CA6428

 CA703D

 CA7D51

 CA8A65

 CA9779

 CAA48D

 CAB0A2

 CABDB6

Harmonies

Analogous

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



E21D4B



CA4A00



9E6A00

Triad

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



CA4A00



008E5D



2A6CEF

Complementary

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



CA4A00



0080CA

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.



0082F6



CA4A00



008FA1

Square

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



CA4A00



008911



008DD9



AC48C7

Rectangle

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



CA4A00



787900



008DD9



0075F5

Sweetspot

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



CA4A00



FFCFB3



CA0083



806252



000000



808080

Same Dimension

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



CA4A00



FF5D00



CAAC00



66605C



A63D00



260E00

Inverse Universe

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



0080CA



00A2FF



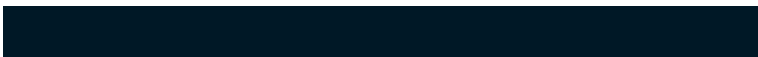
001ECA



5C6266



0069A6



001826

Previews

White Background



This preview shows how the Hex color CA4A00 looks on a white background.

Color Contrast Check

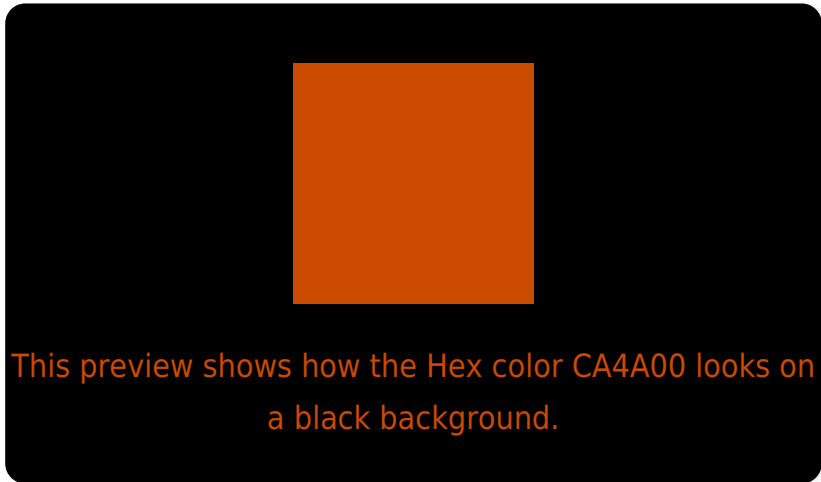
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 CA4A00 Background



This preview shows how black text looks on a background with the Hex color CA4A00.



This preview shows how white text looks on a background with the Hex color CA4A00.

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

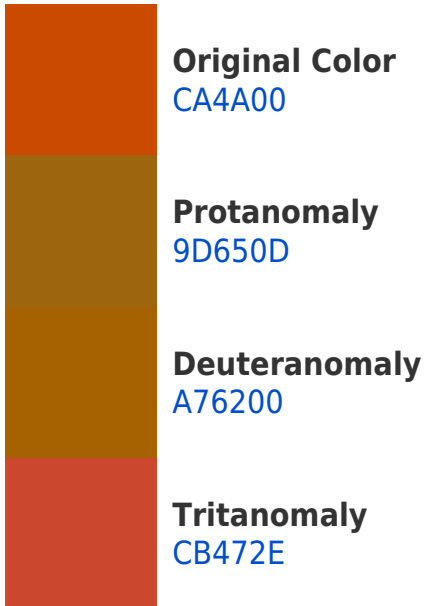


Original Color
CA4A00

Protanopia
837515

Deuteranopia
936F00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA4A00 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 #CA4A00 looks like.

```
.text, #text, p{  
    color:#CA4A00  
}
```

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 #CA4A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA4A00  
}
```

Border

The CSS property to change the border of an element to Hex CA4A00 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  
#CA4A00 }
```

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

```
.border{ border-color:#CA4A00 }
```

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

Here you see how a box with a 4 pixel #CA4A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA4A00; -webkit-box-shadow:4px 4px  
4px 4px #CA4A00; box-shadow:4px 4px 4px  
4px #CA4A00 }
```

Background

The CSS property to change the background color of an element to Hex CA4A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA4A00 }
```

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

```
.background{ background-color:#CA4A00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor