

Converting Colors

Hex(C2AA00)

Have a look what the booklet for
Hex(C2AA00) contains.

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Color

Hex(C2AA00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C2AA00 |
| RGB | 194, 170, 0 |
| RGB Percent | 76%, 67%, 0% |
| CMY | 0.2392, 0.3333, 1.0000 |
| CMYK | 0.00, 0.12, 1.00, 0.24 |
| HSL | 53°, 100%, 38% |
| HSV | 53°, 100%, 76% |
| XYZ | 36.6229, 40.2188, 5.8328 |
| YIQ | 157.7960, 68.8740, -47.7820 |

Conversions

Conversions Part 2

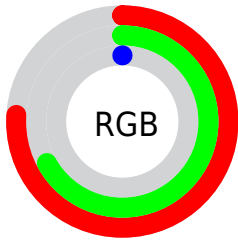
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 27, 194, 0 |
| Decimal | 12757504 |
| CIE Lab | 69.63, -5.24, 72.24 |
| CIE LCh | 70, 72.425, 94.146 |
| Yxy | 40.2188, 0.4430, 0.4865 |
| Android (android.graphics.Color) | 4290947584 (0xFFC2AA00) |
| YUV | 157.7960, -77.7934, 31.7509 |
| Hunter-Lab | 63.4183, -7.9016, 38.9397 |

Details

The Hex color **C2AA00** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0018C2**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FEE14E**, and **887600** is the 20% darker color. If you saturate the color by 10%, you get **C2AA00**, and if you desaturate by 10%, it is **C2AC13**.

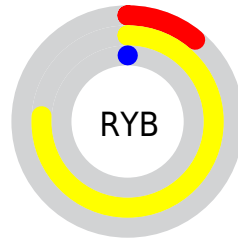
Distribution



Red (76%)

Green (67%)

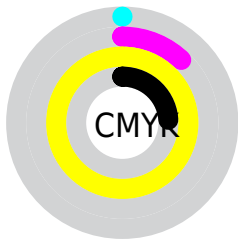
Blue (0%)



Red (11%)

Yellow (76%)

Blue (0%)

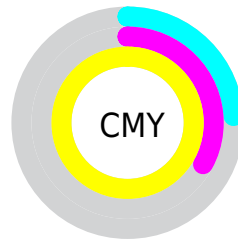


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2AA00 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 C2AA00 by changing the saturation by 10% instead.

 C2AA00

 C2AA00

FFFFFF

 A49000

 FEE14E

 887600

 FFFD6A

 6B5E00

 FFFF86

 504700

 FFFFA2

 353100

 FFFFBF

 1D1C00

 FFFFDC

 000000

 FFFFFA

 C2AA00

 C2AC13

 C2AF27

 C2B13A

 C2B44E

 C2B661

 C2B874

 C2BB88

 C2BD9B

 C2C0AF

Harmonies

Analogous

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



F7912D



C2AA00



7EBB30

Triad

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



C2AA00



00C8F2



FF77E5

Complementary

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



C2AA00



0018C2

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.



B694FF



C2AA00



00C0FF

Square

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



C2AA00



00C9B2



00AFFF



FF68A4

Rectangle

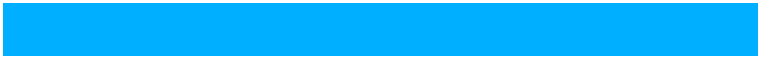
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2AA00



38C258



00AFFF



ED80F8

Sweetspot

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



C2AA00



FCF3B1



C2001A



807A52



000000



808080

Same Dimension

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



C2AA00



FCDD00



7BC200



616057



A18D00



211D00

Inverse Universe

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



0018C2



001FFC



4700C2



575861



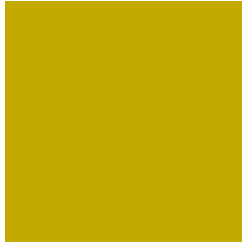
0014A1



000421

Previews

White Background



This preview shows how the Hex color C2AA00 looks on a white background.

Color Contrast Check

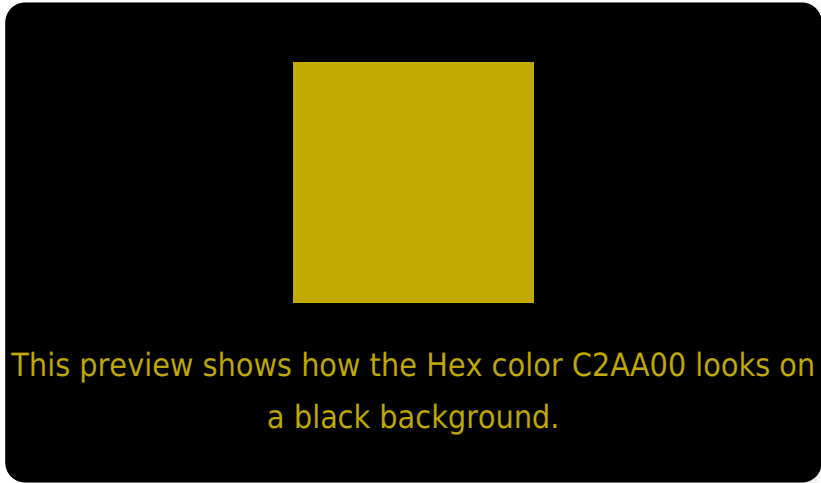
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C2AA00 Background



This preview shows how black text looks on a background with the Hex color C2AA00.



This preview shows how white text looks on a background with the Hex color C2AA00.

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

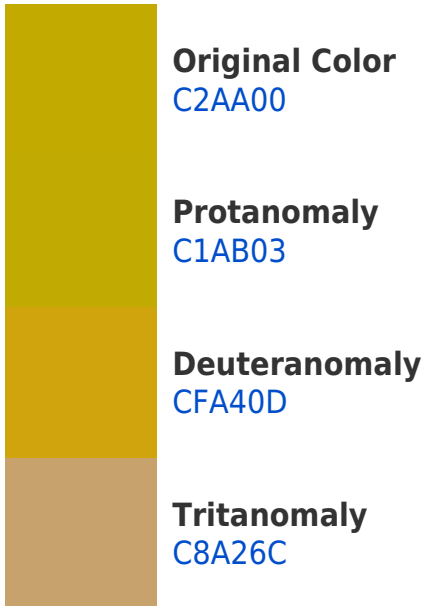


Original Color
C2AA00

Protanopia
C0AB04

Deuteranopia
D7A115

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2AA00 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 #C2AA00 looks like.

```
.text, #text, p{  
    color:#C2AA00  
}
```

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 #C2AA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2AA00
}
```

Border

The CSS property to change the border of an element to Hex C2AA00 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
#C2AA00 }
```

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

```
.border{ border-color:#C2AA00 }
```

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

Here you see how a box with a 4 pixel #C2AA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2AA00; -webkit-box-shadow:4px 4px  
4px 4px #C2AA00; box-shadow:4px 4px 4px  
4px #C2AA00 }
```

Background

The CSS property to change the background color of an element to Hex C2AA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2AA00 }
```

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

```
.background{ background-color:#C2AA00 }
```

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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