

Converting Colors

Hex(C5AD00)

Have a look what the booklet for
Hex(C5AD00) contains.

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Color

Hex(C5AD00)

Conversions

Conversions Part 1

Format	Color
Hex	C5AD00
RGB	197, 173, 0
RGB Percent	77%, 68%, 0%
CMY	0.2275, 0.3216, 1.0000
CMYK	0.00, 0.12, 1.00, 0.23
HSL	53°, 100%, 39%
HSV	53°, 100%, 77%
XYZ	37.9695, 41.7575, 6.0588
YIQ	160.4540, 69.8370, -48.7150

Conversions

Conversions Part 2

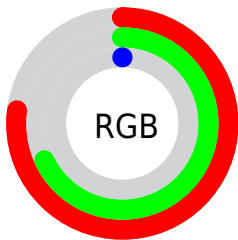
Format	Color
R _Y B	27, 197, 0
Decimal	12954880
CIE Lab	70.70, -5.48, 73.13
CIE LCh	71, 73.338, 94.283
Yxy	41.7575, 0.4426, 0.4868
Android (android.graphics.Color)	4291144960 (0xFFC5AD00)
YUV	160.4540, -79.1038, 32.0508
Hunter-Lab	64.6200, -8.2017, 39.6750

Details

The Hex color **C5AD00** 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 **0018C5**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFE44E**, and **8A7900** is the 20% darker color. If you saturate the color by 10%, you get **C5AD00**, and if you desaturate by 10%, it is **C5AF14**.

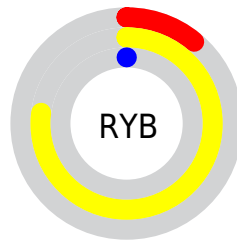
Distribution



Red (77%)

Green (68%)

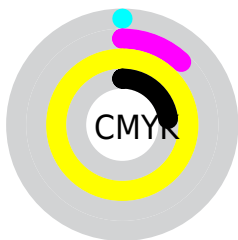
Blue (0%)



Red (11%)

Yellow (77%)

Blue (0%)

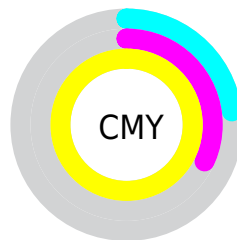


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5AD00 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 C5AD00 by changing the saturation by 10% instead.

 C5AD00

 C5AD00

FFFFFF

 A79300

 FFE44E

 8A7900

 FFFF6B

 6E6100

 FFFF87

 524900

 FFFFA3

 383300

 FFFFC0

 1F1E00

 FFFFDD

 000500

 FFFFFB

 000000

 C5AD00

 C5AF14

 C5B227

 C5B43B

 C5B74F

 C5B963

 C5BB76

 C5BE8A

 C5C09E

 C5C3B1

Harmonies

Analogous

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



FB942D



C5AD00



80BE32

Triad

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



C5AD00



00CBF7



FF79E8

Complementary

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



C5AD00



0018C5

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.



BA97FF



C5AD00



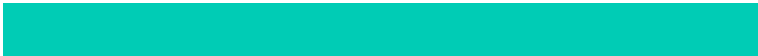
00C3FF

Square

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



C5AD00



00CCB5



00B2FF



FF6AA6

Rectangle

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



C5AD00



38C65A



00B2FF



F182FC

Sweetspot

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



C5AD00



FFF6B3



C5001A



807A52



000000



808080

Same Dimension

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



C5AD00



FFE000



7DC500



63625A



A38F00



241F00

Inverse Universe

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



0018C5



001FFF



4800C5



5A5B63



0014A3



000424

Previews

White Background



This preview shows how the Hex color C5AD00 looks on a white background.

Color Contrast Check

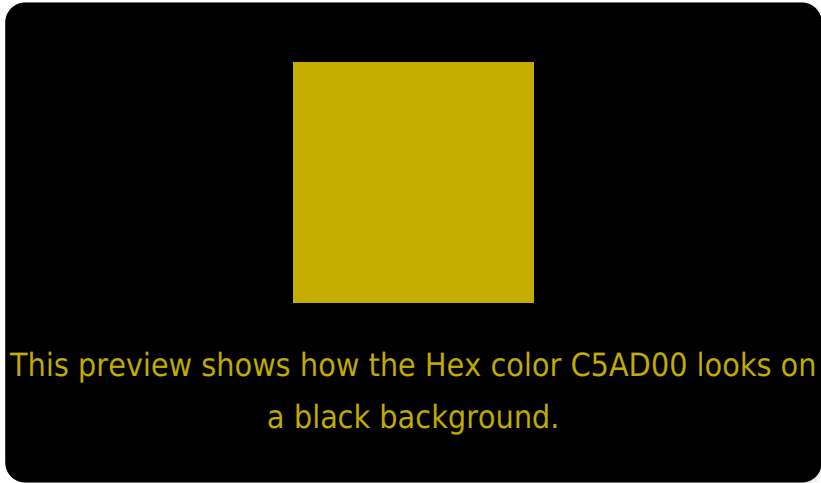
Large Text (above 18pt) WCAG AA × Fail

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 C5AD00 Background



This preview shows how black text looks on a background with the Hex color C5AD00.



This preview shows how white text looks on a background with the Hex color C5AD00.

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

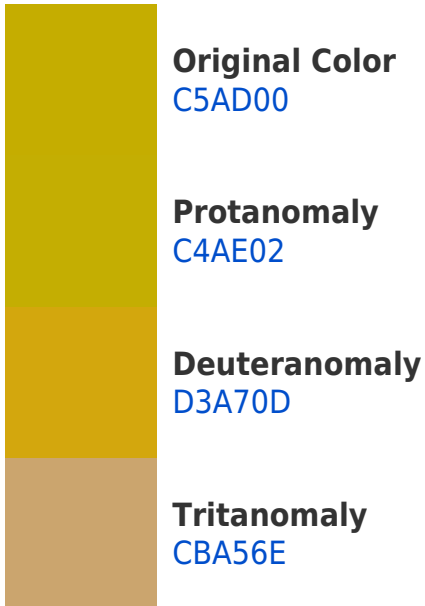


Original Color
C5AD00

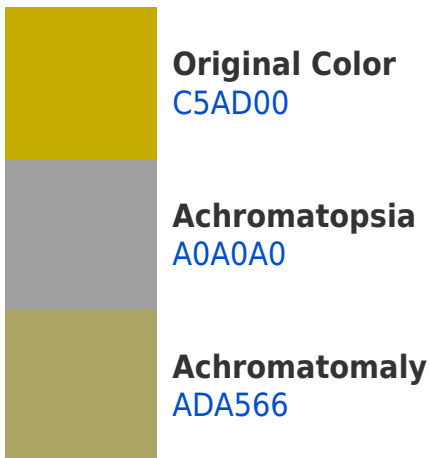
Protanopia
C3AE03

Deuteranopia
DBA415

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5AD00 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 #C5AD00 looks like.

```
.text, #text, p{  
    color:#C5AD00  
}
```

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 #C5AD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5AD00
}
```

Border

The CSS property to change the border of an element to Hex C5AD00 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
#C5AD00 }
```

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

```
.border{ border-color:#C5AD00 }
```

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

Here you see how a box with a 4 pixel #C5AD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5AD00; -webkit-box-shadow:4px 4px  
4px 4px #C5AD00; box-shadow:4px 4px 4px  
4px #C5AD00 }
```

Background

The CSS property to change the background color of an element to Hex C5AD00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5AD00 }
```

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

```
.background{ background-color:#C5AD00 }
```

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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