

Converting Colors

Hex(C5AF00)

Have a look what the booklet for
Hex(C5AF00) contains.

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Color

Hex(C5AF00)

Conversions

Conversions Part 1

Format	Color
Hex	C5AF00
RGB	197, 175, 0
RGB Percent	77%, 69%, 0%
CMY	0.2275, 0.3137, 1.0000
CMYK	0.00, 0.11, 1.00, 0.23
HSL	53°, 100%, 39%
HSV	53°, 100%, 77%
XYZ	38.3559, 42.5303, 6.1876
YIQ	161.6280, 69.2870, -49.7610

Conversions

Conversions Part 2

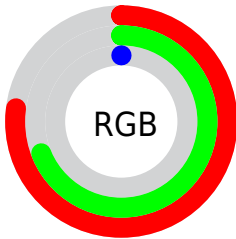
Format	Color
RYB	25, 197, 0
Decimal	12955392
CIELab	71.23, -6.52, 73.51
CIELCh	71, 73.802, 95.071
Yxy	42.5303, 0.4405, 0.4884
Android (android.graphics.Color)	4291145472 (0xFFC5AF00)
YUV	161.6280, -79.6826, 31.0212
Hunter-Lab	65.2152, -9.1430, 40.0253

Details

The Hex color **C5AF00** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as dark washed orange. A complement of this color would be **0016C5**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFE64F**, and **8A7B00** is the 20% darker color. If you saturate the color by 10%, you get **C5AF00**, and if you desaturate by 10%, it is **C5B114**.

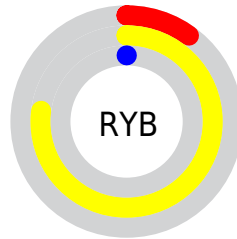
Distribution



Red (77%)

Green (69%)

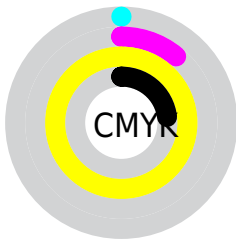
Blue (0%)



Red (10%)

Yellow (77%)

Blue (0%)

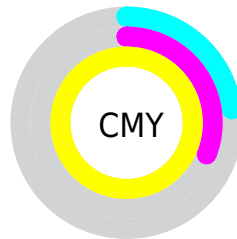


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5AF00 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 C5AF00 by changing the saturation by 10% instead.

 C5AF00

 C5AF00

FFFFFF

 A79500

 FFE64F

 8A7B00

 FFFF6B

 6E6200

 FFFF88

 524B00

 FFFFA4

 383500

 FFFFC1

 1F2000

 FFFFDE

 000800

 FFFFFC

 000000

 C5AF00

 C5B114

 C5B327

 C5B63B

 C5B84F

 C5BA63

 C5BC76

 C5BE8A

 C5C19E

 C5C3B1

Harmonies

Analogous

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



FC962C



C5AF00



7FC034

Triad

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



C5AF00



00CCFA



FF79E8

Complementary

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



C5AF00



0016C5

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.



BE97FF



C5AF00



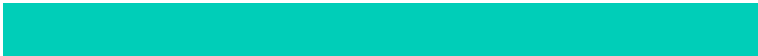
00C4FF

Square

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



C5AF00



00CEB8



00B3FF



FF6AA6

Rectangle

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



C5AF00



34C75D



00B3FF



F583FC

Sweetspot

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



C5AF00



FFF6B3



C50017



807A52



000000



808080

Same Dimension

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



C5AF00



FFE300



79C500



63625A



A39100



242000

Inverse Universe

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



0016C5



001CFF



4C00C5



5A5B63



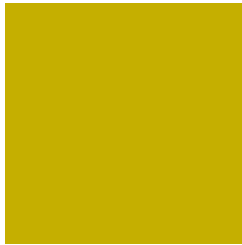
0012A3



000424

Previews

White Background



This preview shows how the Hex color C5AF00 looks on a white background.

Color Contrast Check

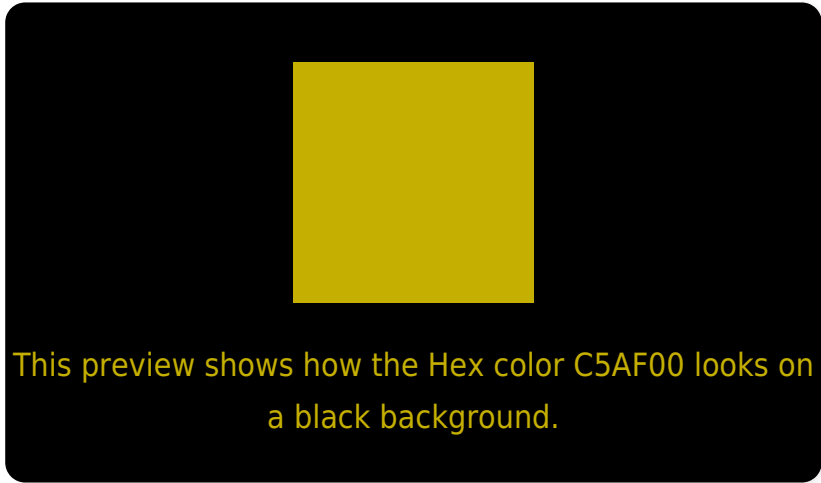
Large Text (above 18pt) WCAG AA × Fail

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 C5AF00 Background



This preview shows how black text looks on a background with the Hex color C5AF00.

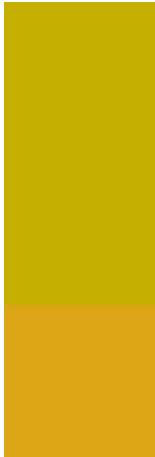


This preview shows how white text looks on a background with the Hex color C5AF00.

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

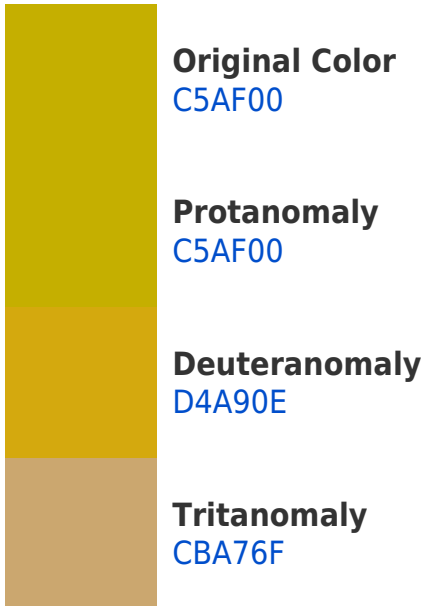


Original Color
C5AF00

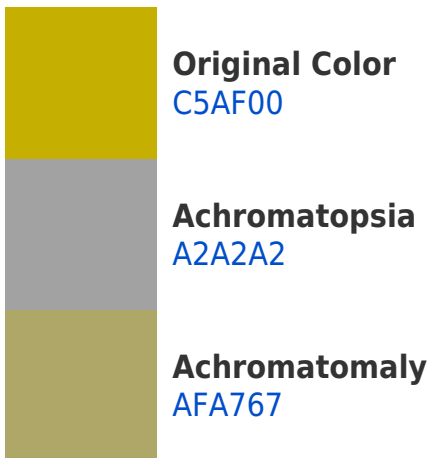
Protanopia
C5AF00

Deuteranopia
DCA516

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5AF00 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 #C5AF00 looks like.

```
.text, #text, p{  
    color:#C5AF00  
}
```

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 #C5AF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5AF00
}
```

Border

The CSS property to change the border of an element to Hex C5AF00 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
#C5AF00 }
```

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

```
.border{ border-color:#C5AF00 }
```

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

Here you see how a box with a 4 pixel #C5AF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5AF00; -webkit-box-shadow:4px 4px  
4px 4px #C5AF00; box-shadow:4px 4px 4px  
4px #C5AF00 }
```

Background

The CSS property to change the background color of an element to Hex C5AF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5AF00 }
```

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

```
.background{ background-color:#C5AF00 }
```

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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