

Converting Colors

Hex(C4A03B)

Have a look what the booklet for
Hex(C4A03B) contains.

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Color

Hex(C4A03B)

Conversions

Conversions Part 1

Format	Color
Hex	C4A03B
RGB	196, 160, 59
RGB Percent	77%, 63%, 23%
CMY	0.2314, 0.3725, 0.7686
CMYK	0.00, 0.18, 0.70, 0.23
HSL	44°, 54%, 50%
HSV	44°, 70%, 77%
XYZ	36.1252, 37.1931, 9.4127
YIQ	159.2500, 53.8770, -23.7790

Conversions

Conversions Part 2

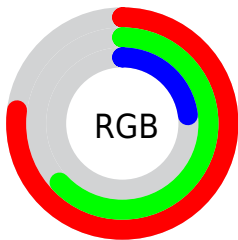
Format	Color
RYB	108, 196, 59
Decimal	12886075
CIELab	67.42, 2.61, 55.40
CIELCh	67, 55.459, 87.307
Yxy	37.1931, 0.4367, 0.4496
Android (android.graphics.Color)	4291076155 (0xFFC4A03B)
YUV	159.2500, -49.4232, 32.2298
Hunter-Lab	60.9862, -0.9913, 33.5395

Details

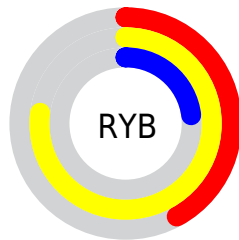
The Hex color **C4A03B** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3B5FC4**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD670**, and **8A6D00** is the 20% darker color. If you saturate the color by 10%, you get **C49B27**, and if you desaturate by 10%, it is **C4A54F**.

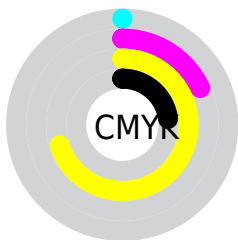
Distribution



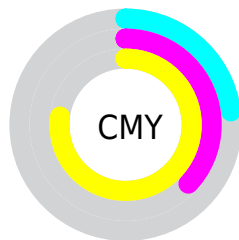
- Red (77%)
- Green (63%)
- Blue (23%)



- Red (42%)
- Yellow (77%)
- Blue (23%)



- Cyan (0%)
- Magenta (18%)
- Yellow (70%)
- Black (23%)



- Cyan (23%)
- Magenta (37%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4A03B 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 C4A03B by changing the saturation by 10% instead.

 C4A03B

 C4A03B

FFFFFF

 A7861F

 FFD670

 8A6D00

 FFF38A

 6F5500

 FFFFA6

 543E00

 FFFFC2

 392800

 FFFFDE

 201400

 FFFFFFFB

 000000

 C4A03B

 C4A03B

 C49B27

 C4A54F

 C49614

 C4AA62

 C49100

 C4AF76

 C49000

 C4B589

 C4BA9D

 C4BFB1

 C4C4C4

 C4C9D8

 C4CEEB

Harmonies

Analogous

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



EA8D50



C4A03B



93AF46

Triad

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



C4A03B



00BCD1



DD85DB

Complementary

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



C4A03B



3B5FC4

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.



9F99FD



C4A03B



00B7F7

Square

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



C4A03B



00BD9E



1DABFF



FC78AB

Rectangle

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



C4A03B



6AB65D



1DABFF



CC8BE8

Sweetspot

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



C4A03B



FFF1C9



C43B60



807760



000000



808080

Same Dimension

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



C4A03B



FFC729



A4C43B



615E57



A17600



211800

Inverse Universe

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



3B5FC4



2961FF



5B3BC4



575A61



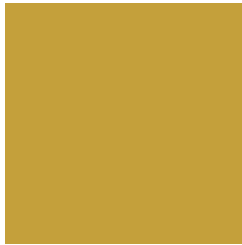
002AA1



000921

Previews

White Background



This preview shows how the Hex color C4A03B looks on a white background.

Color Contrast Check

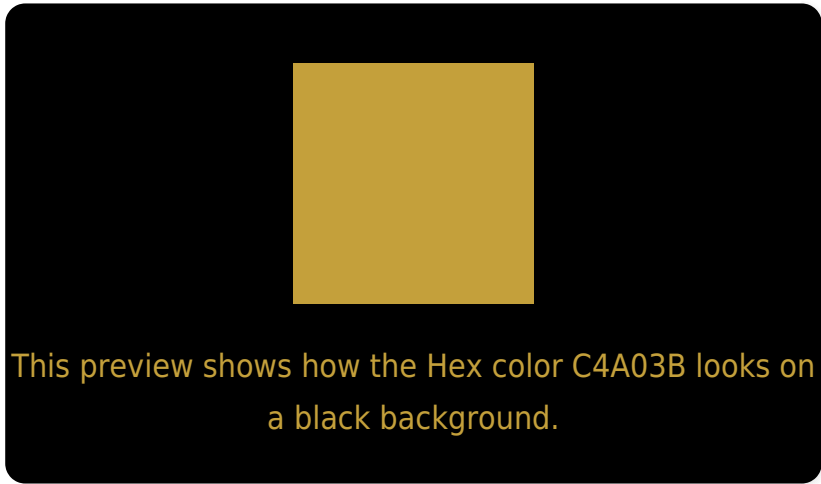
Large Text (above 18pt) WCAG AA × Fail

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

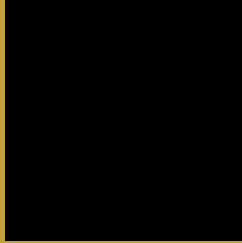
Any Text WCAG AA ✓ Pass

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 C4A03B Background



This preview shows how black text looks on a background with the Hex color C4A03B.

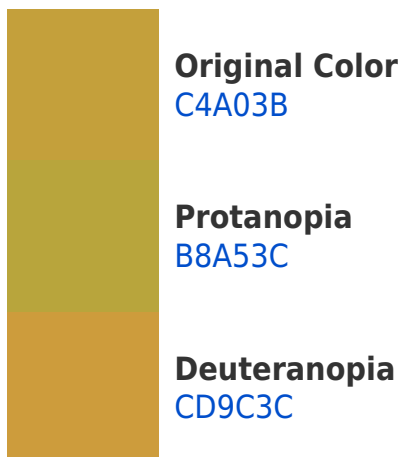


This preview shows how white text looks on a background with the Hex color C4A03B.

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](#).

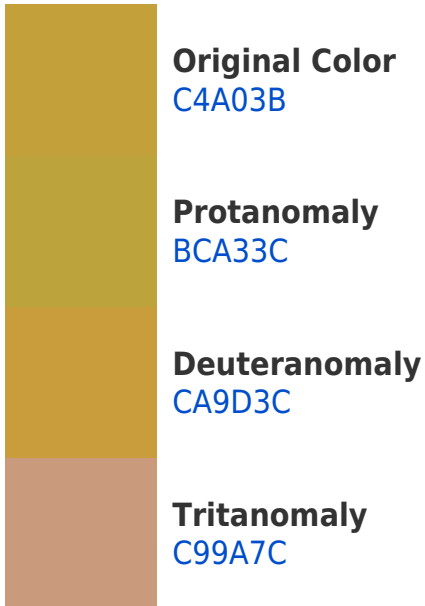
Dichromacy





Tritanopia
CC96A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4A03B 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 #C4A03B looks like.

```
.text, #text, p{  
    color:#C4A03B  
}
```

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 #C4A03B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A03B
}
```

Border

The CSS property to change the border of an element to Hex C4A03B 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
#C4A03B }
```

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

```
.border{ border-color:#C4A03B }
```

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

Here you see how a box with a 4 pixel #C4A03B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A03B; -webkit-box-shadow:4px 4px  
4px 4px #C4A03B; box-shadow:4px 4px 4px  
4px #C4A03B }
```

Background

The CSS property to change the background color of an element to Hex C4A03B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A03B }
```

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

```
.background{ background-color:#C4A03B }
```

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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