

Converting Colors

Hex(C4B03D)

Have a look what the booklet for
Hex(C4B03D) contains.

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Color

Hex(C4B03D)

Conversions

Conversions Part 1

Format	Color
Hex	C4B03D
RGB	196, 176, 61
RGB Percent	77%, 69%, 24%
CMY	0.2314, 0.3098, 0.7608
CMYK	0.00, 0.10, 0.69, 0.23
HSL	51°, 53%, 50%
HSV	51°, 69%, 77%
XYZ	39.1326, 43.1234, 10.6760
YIQ	168.8700, 48.8350, -31.5250

Conversions

Conversions Part 2

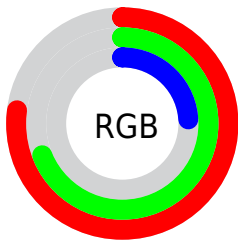
Format	Color
R _Y B	84, 196, 61
Decimal	12890173
CIE Lab	71.64, -5.79, 58.88
CIE LCh	72, 59.160, 95.613
Yxy	43.1234, 0.4211, 0.4640
Android (android.graphics.Color)	4291080253 (0xFFC4B03D)
YUV	168.8700, -53.1799, 23.7930
Hunter-Lab	65.6684, -8.5493, 36.3288

Details

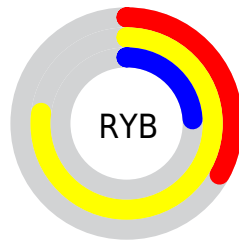
The Hex color **C4B03D** is a dark color, and the websafe version is hex **999933**. The color can be described as middle muted orange. A complement of this color would be **3D51C4**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFE773**, and **8B7C00** is the 20% darker color. If you saturate the color by 10%, you get **C4AD29**, and if you desaturate by 10%, it is **C4B351**.

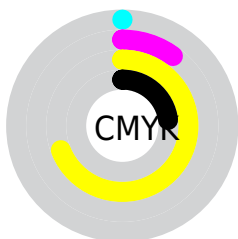
Distribution



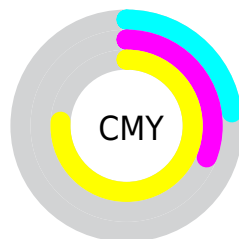
- Red (77%)
- Green (69%)
- Blue (24%)



- Red (33%)
- Yellow (77%)
- Blue (24%)



- Cyan (0%)
- Magenta (10%)
- Yellow (69%)
- Black (23%)



- Cyan (23%)
- Magenta (31%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4B03D 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 C4B03D by changing the saturation by 10% instead.

 C4B03D

 C4B03D

FFFFFF

 A79520

 FFE773

 8B7C00

 FFFF8E

 6F6300

 FFFFA9

 544C00

 FFFFC6

 3A3500

 FFFFE2

 212000

 000A00

 000000

 C4B03D

 C4B03D

 C4AD29

 C4B351

 C4AA16

 C4B664

 C4A702

 C4B978

 C4A700

 C4BC8B

 C4BF9F

 C4C1B3

 C4C4C6

 C4C7DA

 C4CAED

Harmonies

Analogous

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



F19D4C



C4B03D



8BBE53

Triad

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



C4B03D



00C9ED



FA88DD

Complementary

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



C4B03D



3D51C4

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.



C09DFF



C4B03D



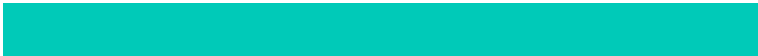
00C1FF

Square

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



C4B03D



00CAB8



59B2FF



FF7FA7

Rectangle

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



C4B03D



5BC570



59B2FF



EA8EED

Sweetspot

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



C4B03D



FFF7C9



C43D51



807B60



000000



808080

Same Dimension

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



C4B03D



FFE02B



95C43D



615F57



A18900



211C00

Inverse Universe

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



3D51C4



2B4BFF



6C3DC4



575961



0018A1



000521

Previews

White Background



This preview shows how the Hex color C4B03D looks on a white background.

Color Contrast Check

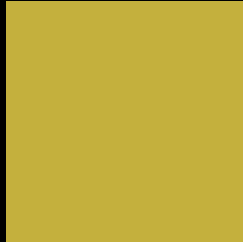
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C4B03D looks on a 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 C4B03D Background



This preview shows how black text looks on a background with the Hex color C4B03D.



This preview shows how white text looks on a background with the Hex color C4B03D.

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

C4B03D

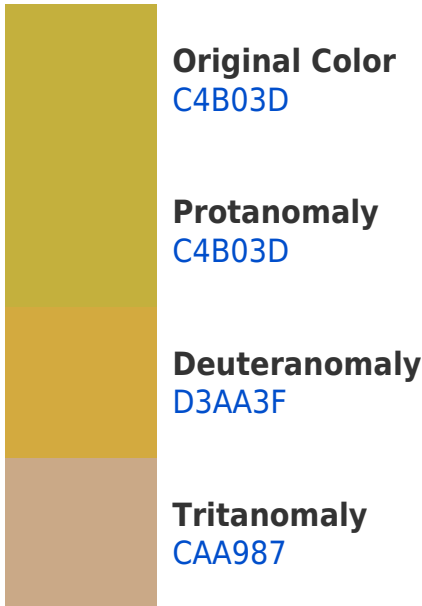
Protanopia

C4B03D

Deuteranopia

DBA740

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4B03D 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 #C4B03D looks like.

```
.text, #text, p{  
    color:#C4B03D  
}
```

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 #C4B03D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4B03D
}
```

Border

The CSS property to change the border of an element to Hex C4B03D 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
#C4B03D }
```

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

```
.border{ border-color:#C4B03D }
```

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

Here you see how a box with a 4 pixel #C4B03D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4B03D; -webkit-box-shadow:4px 4px  
4px 4px #C4B03D; box-shadow:4px 4px 4px  
4px #C4B03D }
```

Background

The CSS property to change the background color of an element to Hex C4B03D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4B03D }
```

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

```
.background{ background-color:#C4B03D }
```

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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