

Converting Colors

Hex(C3AB46)

Have a look what the booklet for
Hex(C3AB46) contains.

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Color

Hex(C3AB46)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C3AB46 |
| RGB | 195, 171, 70 |
| RGB Percent | 76%, 67%, 27% |
| CMY | 0.2353, 0.3294, 0.7255 |
| CMYK | 0.00, 0.12, 0.64, 0.24 |
| HSL | 48°, 51%, 52% |
| HSV | 48°, 64%, 76% |
| XYZ | 38.1741, 41.1701, 11.7290 |
| YIQ | 166.6620, 46.7250, -26.3230 |

Conversions

Conversions Part 2

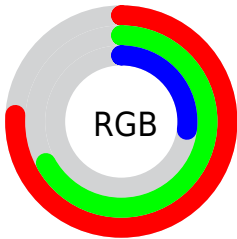
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 100, 195, 70 |
| Decimal | 12823366 |
| CIELab | 70.29, -3.06, 53.62 |
| CIELCh | 70, 53.709, 93.263 |
| Yxy | 41.1701, 0.4192, 0.4521 |
| Android (android.graphics.Color) | 4291013446 (0xFFC3AB46) |
| YUV | 166.6620, -47.6544, 24.8524 |
| Hunter-Lab | 64.1639, -6.0891, 34.0767 |

Details

The Hex color **C3AB46** 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 **465EC3**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FEE27B**, and **8A770C** is the 20% darker color. If you saturate the color by 10%, you get **C3A732**, and if you desaturate by 10%, it is **C3AF5A**.

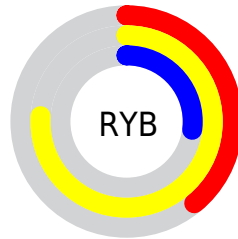
Distribution



Red (76%)

Green (67%)

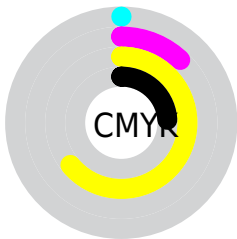
Blue (27%)



Red (39%)

Yellow (76%)

Blue (27%)

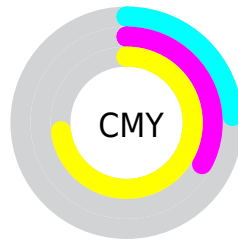


Cyan (0%)

Magenta (12%)

Yellow (64%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3AB46 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 C3AB46 by changing the saturation by 10% instead.

 C3AB46

 C3AB46

FFFFFF

 A6912B

 FEE27B

 8A770C

 FFFF95

 6F5F00


 FFFFFB1

 544700

 FFFFCD

 3A3100

 FFFFEA

 211D00

 000200

 000000

 C3AB46

 C3AB46

 C3A732

 C3AF5A

 C3A41F

 C3B26D

 C3A00C

 C3B681

 C39E00

 C3BA94

 C3BEA8

 C3C1BB

 C3C5CF

 C3C9E2

 C3CDF5

Harmonies

Analogous

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



EB9955



C3AB46



91B957

Triad

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



C3AB46



00C3E0



EC8AD9

Complementary

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



C3AB46



465EC3

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.



B69DFE



C3AB46



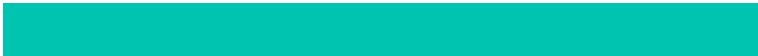
00BCFF

Square

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



C3AB46



00C4B0



5BAFFF



FF82A8

Rectangle

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



C3AB46



67BF6F



5BAFFF



DD90E7

Sweetspot

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



C3AB46



FCF3CC



C3465F



807A62



000000



808080

Same Dimension

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



C3AB46



FCD73A



9EC346



615F57



A18200



211B00

Inverse Universe

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



465EC3



3A5FFC



6B46C3



575961



001FA1



000621

Previews

White Background



This preview shows how the Hex color C3AB46 looks on a white background.

Color Contrast Check

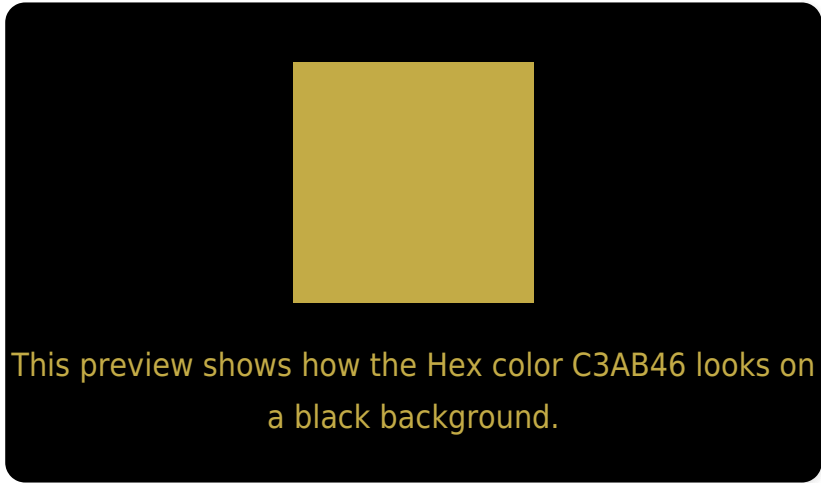
Large Text (above 18pt) WCAG AA × Fail

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 C3AB46 Background



This preview shows how black text looks on a background with the Hex color C3AB46.

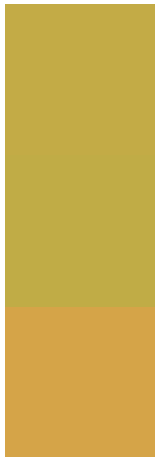


This preview shows how white text looks on a background with the Hex color C3AB46.

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

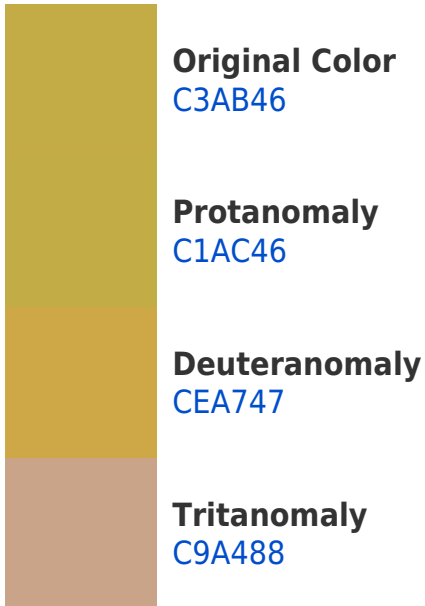


Original Color
C3AB46

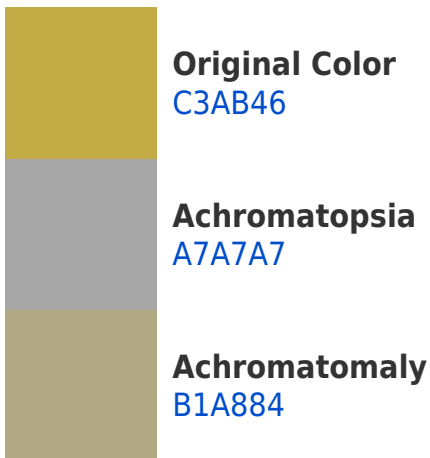
Protanopia
C0AC46

Deuteranopia
D5A448

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3AB46 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 #C3AB46 looks like.

```
.text, #text, p{  
    color:#C3AB46  
}
```

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 #C3AB46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3AB46
}
```

Border

The CSS property to change the border of an element to Hex C3AB46 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
#C3AB46 }
```

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

```
.border{ border-color:#C3AB46 }
```

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

Here you see how a box with a 4 pixel #C3AB46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3AB46; -webkit-box-shadow:4px 4px  
4px 4px #C3AB46; box-shadow:4px 4px 4px  
4px #C3AB46 }
```

Background

The CSS property to change the background color of an element to Hex C3AB46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3AB46 }
```

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

```
.background{ background-color:#C3AB46 }
```

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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