

# Converting Colors

Hex(C3AA40)

Have a look what the booklet for  
Hex(C3AA40) contains.

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**Color**

**Hex(C3AA40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3AA40
RGB	195, 170, 64
RGB Percent	76%, 67%, 25%
CMY	0.2353, 0.3333, 0.7490
CMYK	0.00, 0.13, 0.67, 0.24
HSL	49°, 52%, 51%
HSV	49°, 67%, 76%
XYZ	37.8058, 40.7217, 10.7180
YIQ	165.3910, 48.9260, -27.6660

# Conversions

## Conversions Part 2

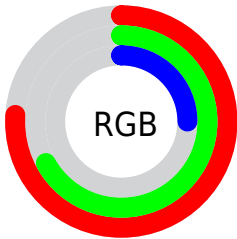
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 195, 64
Decimal	12823104
CIELab	69.98, -2.89, 55.90
CIElCh	70, 55.972, 92.961
Yxy	40.7217, 0.4236, 0.4563
Android (android.graphics.Color)	4291013184 (0xFFC3AA40)
YUV	165.3910, -49.9858, 25.9671
Hunter-Lab	63.8136, -5.9229, 34.7113

# Details

The Hex color **C3AA40** 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 **4059C3**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FEE175**, and **8A7600** is the 20% darker color. If you saturate the color by 10%, you get **C3A62D**, and if you desaturate by 10%, it is **C3AE54**.

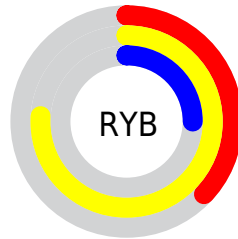
# Distribution



Red (76%)

Green (67%)

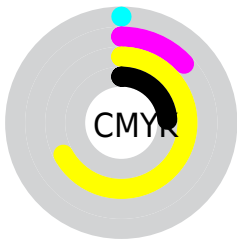
Blue (25%)



Red (37%)

Yellow (76%)

Blue (25%)

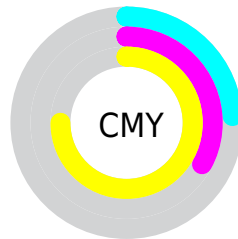


Cyan (0%)

Magenta (13%)

Yellow (67%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3AA40 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 C3AA40 by changing the saturation by 10% instead.



 C3AA40

 C3AA40

FFFFFF

 A69025

 FEE175

 8A7600

 FFFE90

 6E5E00

 FFFFAB

 544600

 FFFFC7

 393000

 FFFFE4

 201C00

 000000

 C3AA40

 C3AA40

 C3A62D

 C3AE54

 C3A319

 C3B167

 C39F06

 C3B57B

 C39E00

 C3B98E

 C3BDA2

 C3C0B5

 C3C4C9

 C3C8DC

 C3CBF0

# Harmonies

## Analogous

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



EC9750



C3AA40



8FB851

# Triad

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



C3AA40



00C3E1



ED88DA

# Complementary

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



C3AA40



4059C3

# 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.



B49CFF



C3AA40



00BCFF

# Square

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



C3AA40



00C4AF



50AFFF



FF7EA8

# Rectangle

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



C3AA40



63BE6B



50AFFF



DE8EE9



# Sweetspot

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



C3AA40



FCF3CA



C3405A



807A61



000000



808080



# Same Dimension

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



C3AA40



FCD530



9CC340



615F57



A18200



211B00



# Inverse Universe

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



4059C3



3057FC



6740C3



575961



001FA1



000621



# Previews

## White Background



This preview shows how the Hex color C3AA40 looks on a white background.

## Color Contrast Check

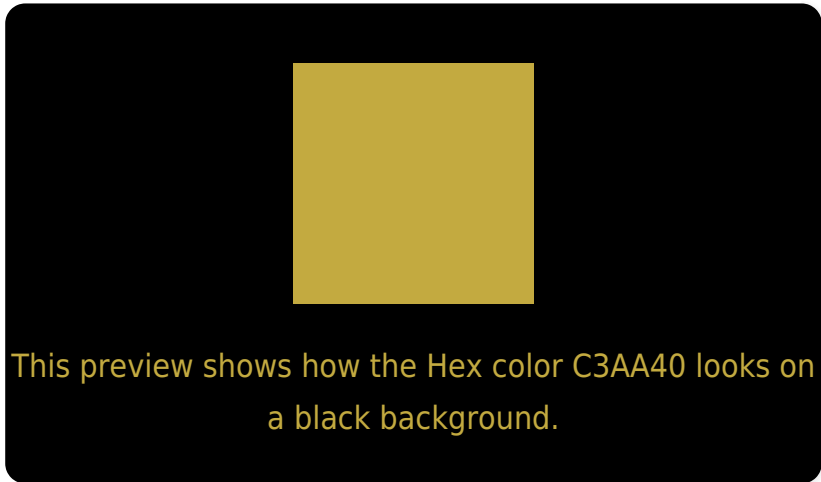
Large Text (above 18pt) WCAG AA × Fail

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 C3AA40 Background



This preview shows how black text looks on a background with the Hex color C3AA40.

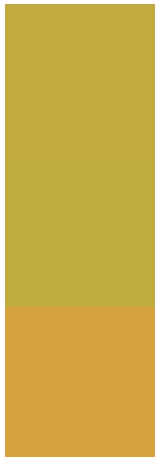


This preview shows how white text looks on a background with the Hex color C3AA40.

# 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



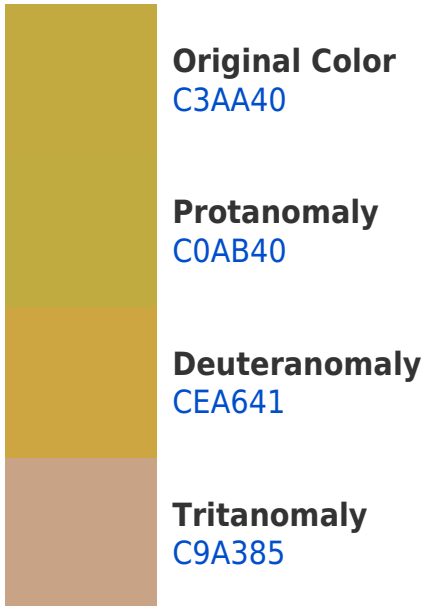
**Original Color**  
C3AA40

**Protanopia**  
BFAB40

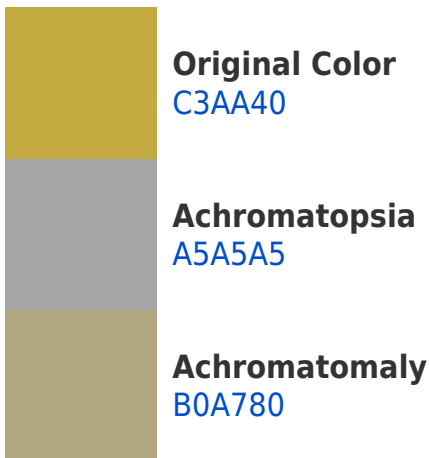
**Deuteranopia**  
D5A342



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3AA40 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 #C3AA40 looks like.

```
.text, #text, p{  
    color:#C3AA40  
}
```

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 #C3AA40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3AA40
}
```

## Border

The CSS property to change the border of an element to Hex C3AA40 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
#C3AA40 }
```

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

```
.border{ border-color:#C3AA40 }
```

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

Here you see how a box with a 4 pixel #C3AA40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3AA40; -webkit-box-shadow:4px 4px  
4px 4px #C3AA40; box-shadow:4px 4px 4px  
4px #C3AA40 }
```

# Background

The CSS property to change the background color of an element to Hex C3AA40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3AA40 }
```

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

```
.background{ background-color:#C3AA40 }
```

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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