

# Converting Colors

Hex(C6A63C)

Have a look what the booklet for  
Hex(C6A63C) contains.

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# **Color**

**Hex(C6A63C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6A63C
RGB	198, 166, 60
RGB Percent	78%, 65%, 24%
CMY	0.2235, 0.3490, 0.7647
CMYK	0.00, 0.16, 0.70, 0.22
HSL	46°, 55%, 51%
HSV	46°, 70%, 78%
XYZ	37.7405, 39.6044, 9.9302
YIQ	163.4840, 53.0980, -26.1820

# Conversions

## Conversions Part 2

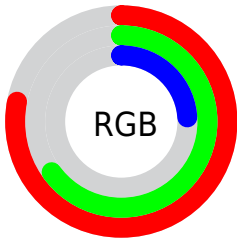
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 198, 60
Decimal	13018684
CIELab	69.19, 0.32, 56.85
CIELCh	69, 56.850, 89.680
Yxy	39.6044, 0.4324, 0.4538
Android (android.graphics.Color)	4291208764 (0xFFC6A63C)
YUV	163.4840, -51.0176, 30.2705
Hunter-Lab	62.9321, -3.0842, 34.6969

# Details

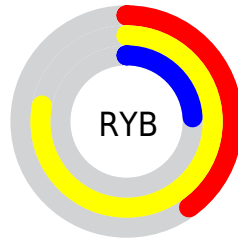
The Hex color **C6A63C** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3C5CC6**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFDD71**, and **8C7300** is the 20% darker color. If you saturate the color by 10%, you get **C6A128**, and if you desaturate by 10%, it is **C6AB50**.

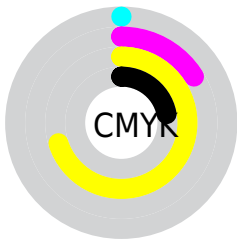
# Distribution



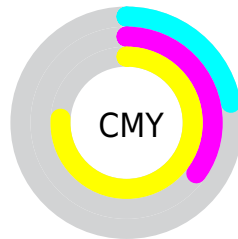
- Red (78%)
- Green (65%)
- Blue (24%)



- Red (40%)
- Yellow (78%)
- Blue (24%)



- Cyan (0%)
- Magenta (16%)
- Yellow (70%)
- Black (22%)



- Cyan (22%)
- Magenta (35%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6A63C 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 C6A63C by changing the saturation by 10% instead.



 C6A63C

 C6A63C


FFFFFF

 A98C20

 FFDD71

 8C7300

 FFF98C

 715A00

 FFFFA7

 564300

 FFFFC3

 3B2D00

 FFFF E0

 221900

FFFFFFD

 000000

 C6A63C

 C6A63C

 C6A128

 C6AB50

 C69D14

 C6AF64

 C69801

 C6B477

 C69800

 C6B88B

 C6BD9F

 C6C2B3

 C6C6C7

 C6CBDA

 C6CFEE

# Harmonies

## Analogous

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



EE9350



C6A63C



92B54A

# Triad

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



C6A63C



00C2DA



E787DE

# Complementary

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



C6A63C



3C5CC6

# 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.



AA9CFF



C6A63C



00BBFF

# Square

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



C6A63C



00C2A7



34AFFF



FF7BAC

# Rectangle

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



C6A63C



68BC63



34AFFF



D68DEC



# Sweetspot

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



C6A63C



FFF3C9



C63C5C



807860



000000



808080



# Same Dimension

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



C6A63C



FFCD29



A1C63C



63615A



A37D00



241B00



# Inverse Universe

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



3C5CC6



295AFF



613CC6



5A5C63



0026A3



000824



# Previews

## White Background



This preview shows how the Hex color C6A63C looks on a white background.

## Color Contrast Check

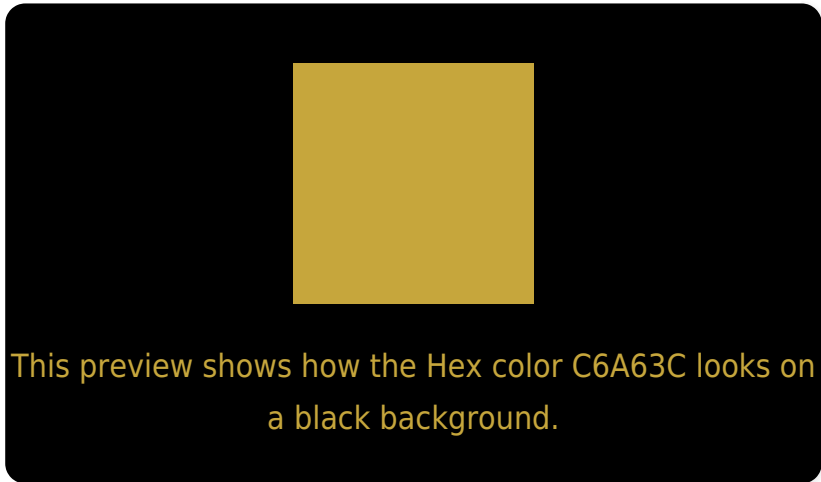
Large Text (above 18pt) WCAG AA × Fail

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 C6A63C Background



This preview shows how black text looks on a background with the Hex color C6A63C.

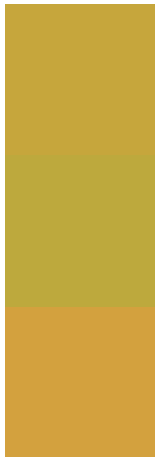


This preview shows how white text looks on a background with the Hex color C6A63C.

# 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**  
C6A63C

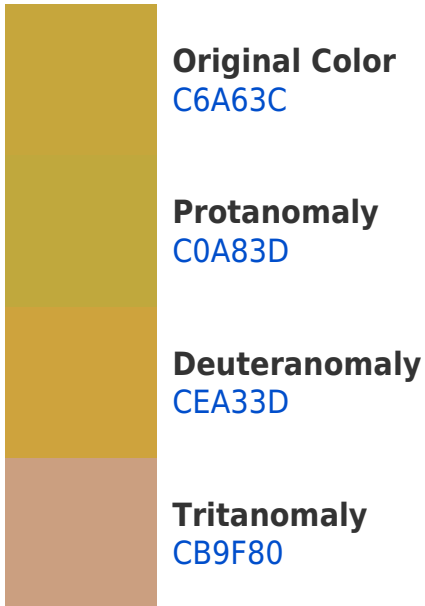
**Protanopia**  
BDA93D

**Deuteranopia**  
D3A13E



**Tritanopia**  
CE9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6A63C 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 #C6A63C looks like.

```
.text, #text, p{  
    color:#C6A63C  
}
```

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 #C6A63C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6A63C
}
```

## Border

The CSS property to change the border of an element to Hex C6A63C 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
#C6A63C }
```

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

```
.border{ border-color:#C6A63C }
```

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

Here you see how a box with a 4 pixel #C6A63C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6A63C; -webkit-box-shadow:4px 4px  
4px 4px #C6A63C; box-shadow:4px 4px 4px  
4px #C6A63C }
```

# Background

The CSS property to change the background color of an element to Hex C6A63C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6A63C }
```

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

```
.background{ background-color:#C6A63C }
```

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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