

# Converting Colors

Hex(C7A034)

Have a look what the booklet for  
Hex(C7A034) contains.

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**Color**

**Hex(C7A034)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7A034
RGB	199, 160, 52
RGB Percent	78%, 63%, 20%
CMY	0.2196, 0.3725, 0.7961
CMYK	0.00, 0.20, 0.74, 0.22
HSL	44°, 59%, 49%
HSV	44°, 74%, 78%
XYZ	36.7438, 37.5317, 8.5565
YIQ	159.3490, 57.9120, -25.3200

# Conversions

## Conversions Part 2

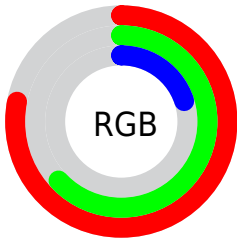
Format	Color
<a href="#">RYB</a>	<a href="#">105, 199, 52</a>
Decimal	<a href="#">13082676</a>
CIELab	<a href="#">67.67, 3.57, 58.60</a>
CIElCh	<a href="#">68, 58.708, 86.510</a>
Yxy	<a href="#">37.5317, 0.4436, 0.4531</a>
Android (android.graphics.Color)	<a href="#">4291272756</a> ( <a href="#">0xFFC7A034</a> )
YUV	<a href="#">159.3490, -52.9231, 34.7739</a>
Hunter-Lab	<a href="#">61.2631, -0.1513, 34.6032</a>

# Details

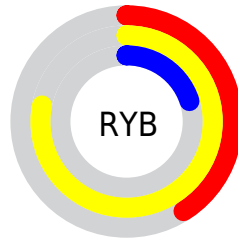
The Hex color **C7A034** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **345BC7**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD669**, and **8D6D00** is the 20% darker color. If you saturate the color by 10%, you get **C79B20**, and if you desaturate by 10%, it is **C7A548**.

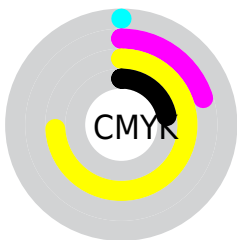
# Distribution



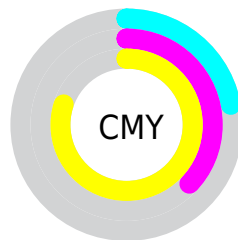
- Red (78%)
- Green (63%)
- Blue (20%)



- Red (41%)
- Yellow (78%)
- Blue (20%)



- Cyan (0%)
- Magenta (20%)
- Yellow (74%)
- Black (22%)



- Cyan (22%)
- Magenta (37%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7A034 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 C7A034 by changing the saturation by 10% instead.



 C7A034

 C7A034


FFFFFF

 AA8616

 FFD669

 8D6D00

 FFF384

 715500

 FFFFA0

 553E00

 FFFFBC

 3B2800

 FFFFFD8

 221500

 FFFFF5

 000000

 C7A034

 C7A034

 C79B20

 C7A548

 C7950C

 C7AB5C

 C79200

 C7B070

 C7B584

 C7BA98

 C7C0AB

 C7C5BF

 C7CAD3

 C7D0E7

# Harmonies

## Analogous

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



EF8C4D



C7A034



93B03F

# Triad

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



C7A034



00BED3



E083E0

# Complementary

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



C7A034



345BC7

# 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.



9C99FF



C7A034



00B9FC

# Square

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



C7A034



00BE9D



00ADFF



FF75AD

# Rectangle

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



C7A034



69B758



00ADFF



CD8BEE



# Sweetspot

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



C7A034



FFF0C7



C7345B



80775E



000000



808080



# Same Dimension

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



C7A034



FFC31C



A5C734



63615A



A37800



241A00



# Inverse Universe

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



345BC7



1C58FF



5634C7



5A5C63



002BA3

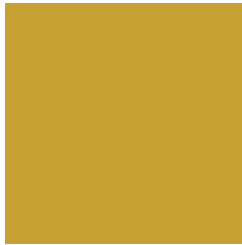


000924



# Previews

## White Background



This preview shows how the Hex color C7A034 looks on a white background.

## Color Contrast Check

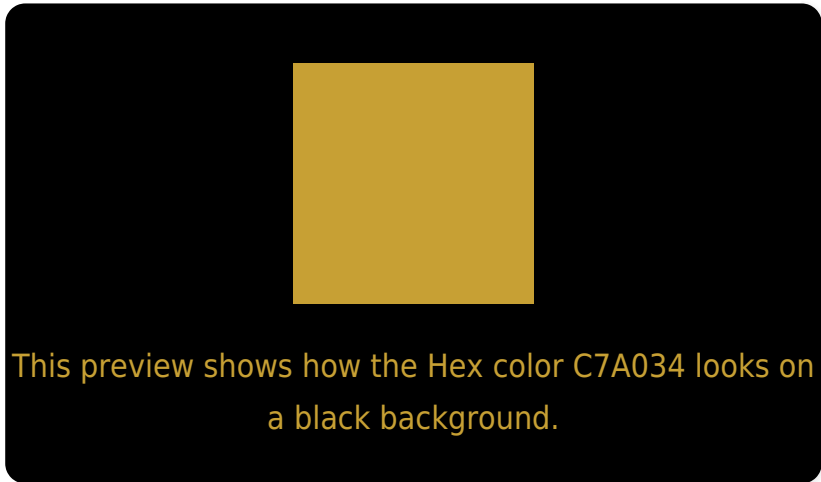
Large Text (above 18pt) WCAG AA × Fail

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 C7A034 Background



This preview shows how black text looks on a background with the Hex color C7A034.

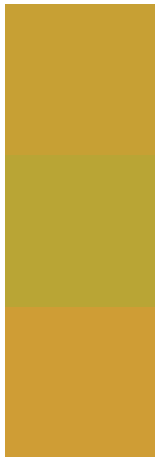


This preview shows how white text looks on a background with the Hex color C7A034.

# 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**  
C7A034

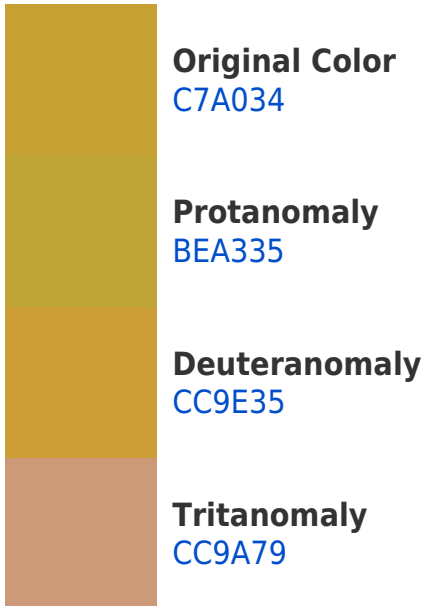
**Protanopia**  
B9A535

**Deuteranopia**  
CF9D35

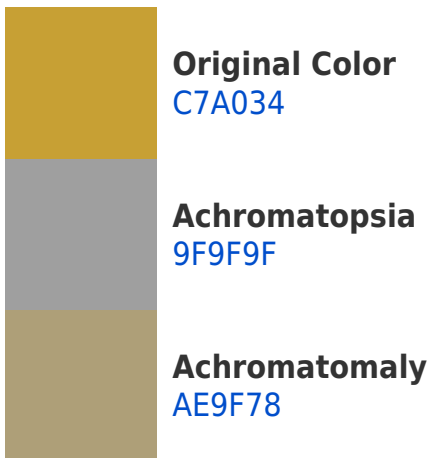


**Tritanopia**  
CF96A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7A034 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 #C7A034 looks like.

```
.text, #text, p{  
    color:#C7A034  
}
```

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 #C7A034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A034
}
```

## Border

The CSS property to change the border of an element to Hex C7A034 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
#C7A034 }
```

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

```
.border{ border-color:#C7A034 }
```

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

Here you see how a box with a 4 pixel #C7A034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A034; -webkit-box-shadow:4px 4px  
4px 4px #C7A034; box-shadow:4px 4px 4px  
4px #C7A034 }
```

# Background

The CSS property to change the background color of an element to Hex C7A034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A034 }
```

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

```
.background{ background-color:#C7A034 }
```

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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