

# Converting Colors

Hex(C1B34D)

Have a look what the booklet for  
Hex(C1B34D) contains.

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# **Color**

**Hex(C1B34D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1B34D
RGB	193, 179, 77
RGB Percent	76%, 70%, 30%
CMY	0.2431, 0.2980, 0.6980
CMYK	0.00, 0.07, 0.60, 0.24
HSL	53°, 48%, 53%
HSV	53°, 60%, 76%
XYZ	39.4520, 44.1135, 13.4566
YIQ	171.5580, 41.0860, -28.7540

# Conversions

## Conversions Part 2

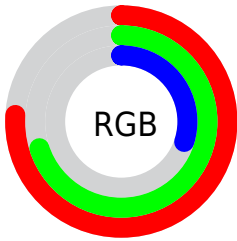
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 193, 77
Decimal	12694349
CIELab	72.30, -7.65, 52.63
CIELCh	72, 53.179, 98.267
Yxy	44.1135, 0.4066, 0.4547
Android (android.graphics.Color)	4290884429 (0xFFC1B34D)
YUV	171.5580, -46.6171, 18.8046
Hunter-Lab	66.4180, -10.2033, 34.4802

# Details

The Hex color **C1B34D** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **4D5BC1**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FCEB82**, and **897F16** is the 20% darker color. If you saturate the color by 10%, you get **C1B13A**, and if you desaturate by 10%, it is **C1B560**.

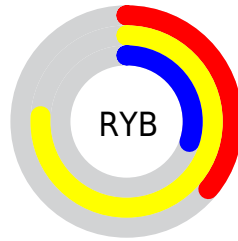
# Distribution



Red (76%)

Green (70%)

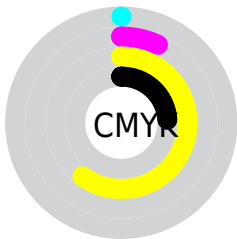
Blue (30%)



Red (36%)

Yellow (76%)

Blue (30%)

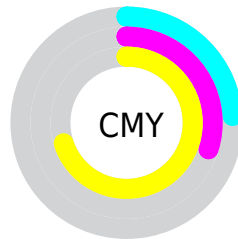


Cyan (0%)

Magenta (7%)

Yellow (60%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1B34D 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 C1B34D by changing the saturation by 10% instead.





C1B34D



C1B34D

FFFFFF



A49833



FCEB82



897F16



FFFF9D



6D6600



FFFFB8



534E00



FFFFD5



393700



FFFFF2



202200



000E00



000000



C1B34D



C1B34D

 C1B13A

 C1B560

 C1AE26

 C1B874

 C1AC13

 C1BA87

 C1AA00

 C1BC9A

 C1BFAD

 C1C1C1

 C1C3D4

 C1C6E7

 C1C8FB

# Harmonies

## Analogous

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



EBA256



C1B34D



8DC062

# Triad

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



C1B34D



00C8EC



F88ED6

# Complementary

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



C1B34D



4D5BC1

# 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.



C79FFE



C1B34D



00C0FF

# Square

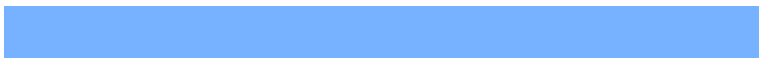
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C1B34D



00CABE



76B2FF



FF88A6

# Rectangle

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



C1B34D



62C57C



76B2FF



EB93E5



# Sweetspot

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



C1B34D



FAF4CD



C14D5C



7D7A61



FCFCFC



7D7D7D



# Same Dimension

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



C1B34D



FAE446



96C14D



616057



A18D00



211D00



# Inverse Universe

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



4D5BC1



465CFA



784DC1



575861



0013A1

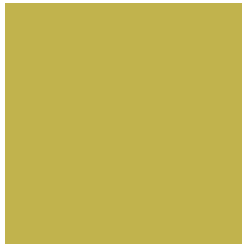


000421



# Previews

## White Background



This preview shows how the Hex color C1B34D looks on a white background.

## Color Contrast Check

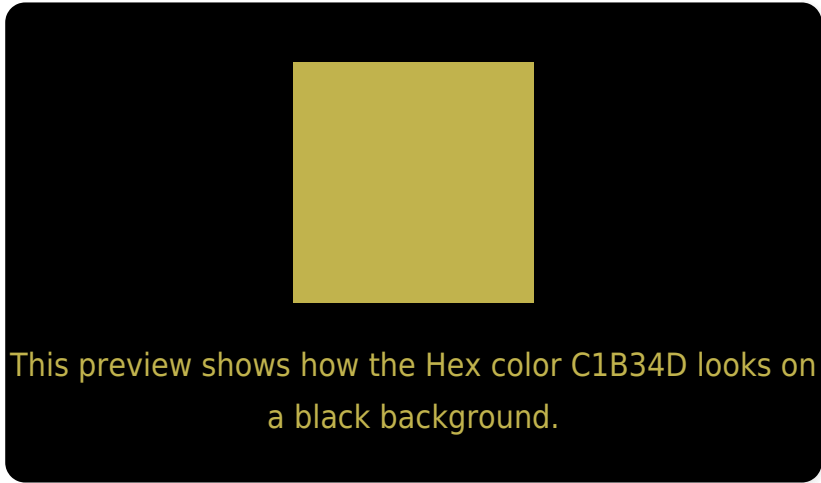
Large Text (above 18pt) WCAG AA × Fail

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

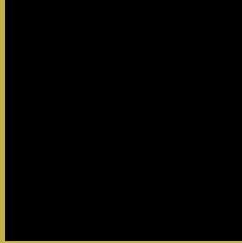
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C1B34D Background



This preview shows how black text looks on a background with the Hex color C1B34D.

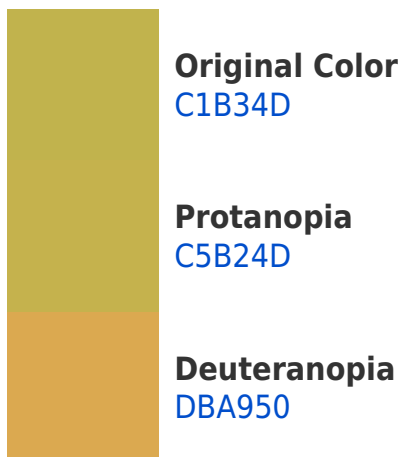


This preview shows how white text looks on a background with the Hex color C1B34D.

# 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](#).

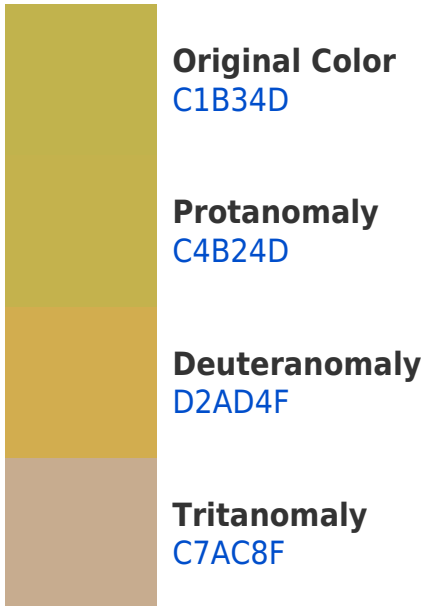
## Dichromacy



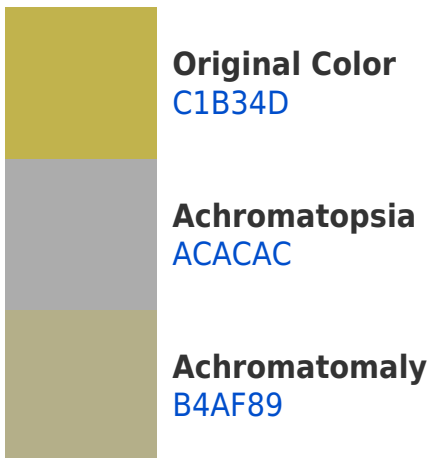


**Tritanopia**  
CAA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1B34D 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 #C1B34D looks like.

```
.text, #text, p{  
    color:#C1B34D  
}
```

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 #C1B34D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1B34D
}
```

## Border

The CSS property to change the border of an element to Hex C1B34D 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
#C1B34D }
```

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

```
.border{ border-color:#C1B34D }
```

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

Here you see how a box with a 4 pixel #C1B34D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1B34D; -webkit-box-shadow:4px 4px  
4px 4px #C1B34D; box-shadow:4px 4px 4px  
4px #C1B34D }
```

# Background

The CSS property to change the background color of an element to Hex C1B34D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1B34D }
```

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

```
.background{ background-color:#C1B34D }
```

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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