

# Converting Colors

Hex(C3B919)

Have a look what the booklet for  
Hex(C3B919) contains.

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**Color**

**Hex(C3B919)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3B919
RGB	195, 185, 25
RGB Percent	76%, 73%, 10%
CMY	0.2353, 0.2745, 0.9020
CMYK	0.00, 0.05, 0.87, 0.24
HSL	56°, 77%, 43%
HSV	56°, 87%, 76%
XYZ	40.0301, 46.3702, 7.7602
YIQ	169.7500, 57.3200, -47.6400

# Conversions

## Conversions Part 2

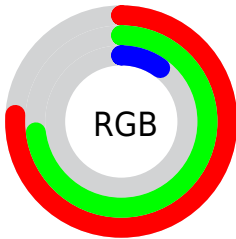
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 195, 25
Decimal	12826905
CIE Lab	73.79, -12.22, 71.88
CIE LCh	74, 72.911, 99.646
Yxy	46.3702, 0.4251, 0.4925
Android (android.graphics.Color)	4291016985 (0xFFC3B919)
YUV	169.7500, -71.3618, 22.1442
Hunter-Lab	68.0957, -14.2360, 40.9102

# Details

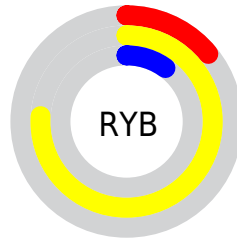
The Hex color **C3B919** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **1923C3**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFF15A**, and **898400** is the 20% darker color. If you saturate the color by 10%, you get **C3B806**, and if you desaturate by 10%, it is **C3BA2C**.

# Distribution



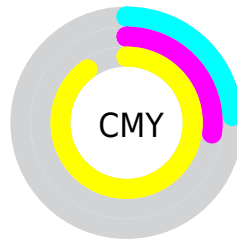
- Red (76%)
- Green (73%)
- Blue (10%)



- Red (14%)
- Yellow (76%)
- Blue (10%)



- Cyan (0%)
- Magenta (5%)
- Yellow (87%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3B919 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 C3B919 by changing the saturation by 10% instead.



 C3B919

 C3B919

FFFFFF

 A69E00

 FFF15A

 898400

 FFFF76

 6D6B00

 FFFF92

 515300

 FFFFAF

 363C00

 FFFFCB

 1D2700

 FFFFEB

 001400

 000000

 C3B919

 C3B919

 C3B806

 C3BA2C

 C3B800

 C3BB40

 C3BC53

 C3BE67

 C3BF7A

 C3C08E

 C3C1A1

 C3C2B5

 C3C3C8

# Harmonies

## Analogous

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



FCA12F



C3B919



7AC945

# Triad

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



C3B919



00D3FF



FF7EE5

# Complementary

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



C3B919



1923C3

# 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.



D49AFF



C3B919



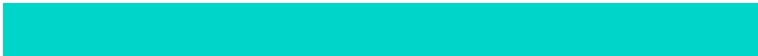
00C9FF

# Square

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



C3B919



00D5CA



48B6FF



FF74A2

# Rectangle

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



C3B919



20D06E



48B6FF



FF86FA



# Sweetspot

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



C3B919



FCF9BB



C31924



807D58



000000



808080



# Same Dimension

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



C3B919



FCEE00



79C319



616057



A19700



211F00



# Inverse Universe

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



1923C3



000FFC



6319C3



575861



0009A1



000221



# Previews

## White Background



This preview shows how the Hex color C3B919 looks on a white background.

## Color Contrast Check

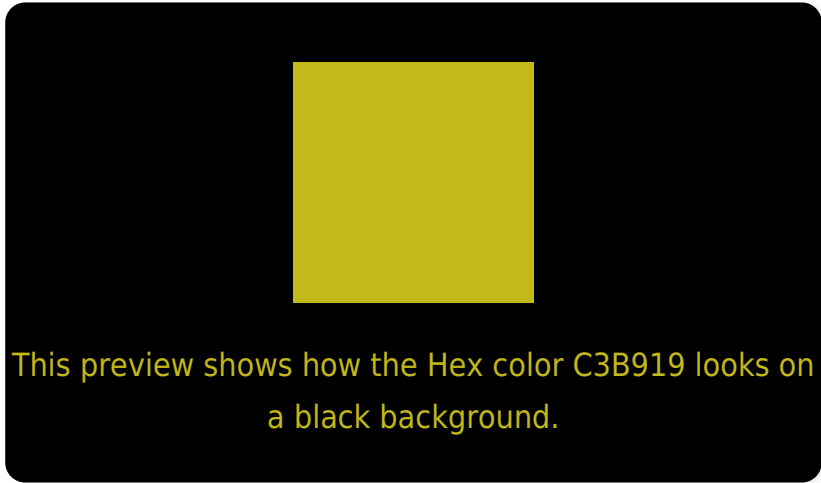
Large Text (above 18pt) WCAG AA × Fail

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 C3B919 Background



This preview shows how black text looks on a background with the Hex color C3B919.



This preview shows how white text looks on a background with the Hex color C3B919.

# 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



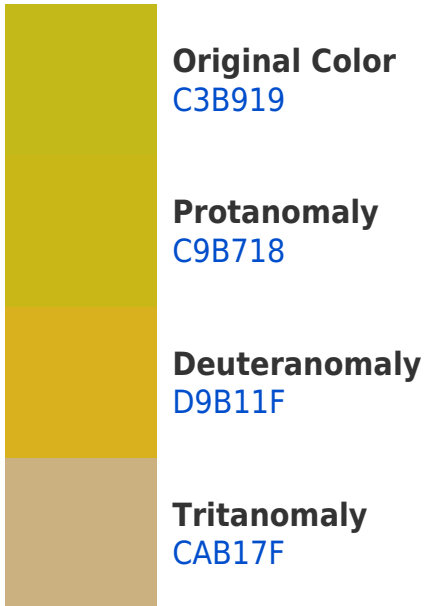
**Original Color**  
C3B919

**Protanopia**  
CCB618

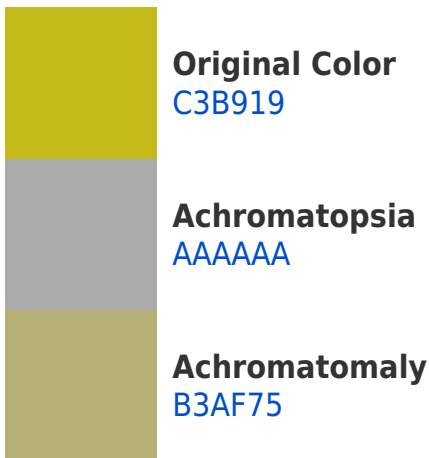
**Deuteranopia**  
E5AC23



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3B919 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 #C3B919 looks like.

```
.text, #text, p{  
    color:#C3B919  
}
```

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 #C3B919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3B919
}
```

## Border

The CSS property to change the border of an element to Hex C3B919 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
#C3B919 }
```

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

```
.border{ border-color:#C3B919 }
```

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

Here you see how a box with a 4 pixel #C3B919 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3B919; -webkit-box-shadow:4px 4px  
4px 4px #C3B919; box-shadow:4px 4px 4px  
4px #C3B919 }
```

# Background

The CSS property to change the background color of an element to Hex C3B919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3B919 }
```

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

```
.background{ background-color:#C3B919 }
```

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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