

# Converting Colors

Hex(C2BE1B)

Have a look what the booklet for  
Hex(C2BE1B) contains.

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# **Color**

**Hex(C2BE1B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2BE1B
RGB	194, 190, 27
RGB Percent	76%, 75%, 11%
CMY	0.2392, 0.2549, 0.8941
CMYK	0.00, 0.02, 0.86, 0.24
HSL	59°, 76%, 43%
HSV	59°, 86%, 76%
XYZ	40.8594, 48.3754, 8.2208
YIQ	172.6140, 54.7070, -49.8450

# Conversions

## Conversions Part 2

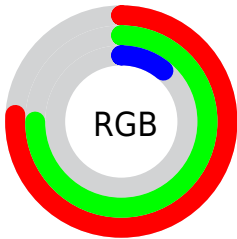
Format	Color
<b>RYB</b>	<b>31, 194, 27</b>
Decimal	12762651
CIELab	75.06, -15.15, 72.47
CIELCh	75, 74.037, 101.804
Yxy	48.3754, 0.4193, 0.4964
Android (android.graphics.Color)	4290952731 (0xFFC2BE1B)
YUV	172.6140, -71.7877, 18.7555
Hunter-Lab	69.5524, -16.8547, 41.6789

# Details

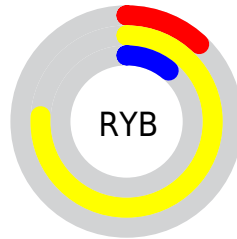
The Hex color **C2BE1B** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **1B1FC2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FEF65B**, and **888900** is the 20% darker color. If you saturate the color by 10%, you get **C2BE08**, and if you desaturate by 10%, it is **C2BE2E**.

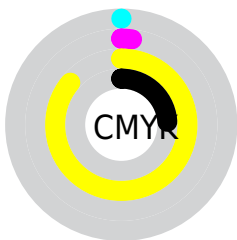
# Distribution



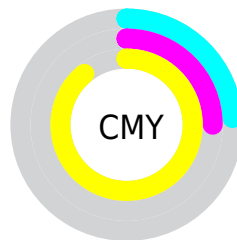
- Red (76%)
- Green (75%)
- Blue (11%)



- Red (12%)
- Yellow (76%)
- Blue (11%)



- Cyan (0%)
- Magenta (2%)
- Yellow (86%)
- Black (24%)



- Cyan (24%)
- Magenta (25%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2BE1B 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 C2BE1B by changing the saturation by 10% instead.



 C2BE1B

 C2BE1B

FFFFFF

 A5A300

 FEF65B

 888900

 FFFF78

 6C7000

 FFFF94

 505800

 FFFFB1

 364000

 FFFFCE

 1C2B00

 FFFFEB

 001800

 000000

 C2BE1B

 C2BE1B

 C2BE08

 C2BE2E

 C2BD00

 C2BF42

 C2BF55

 C2C069

 C2C07C

 C2C18F

 C2C1A3

 C2C2B6

 C2C2CA

# Harmonies

## Analogous

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



FDA62C



C2BE1B



76CE4B

# Triad

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



C2BE1B



00D6FF



FF7EE5

# Complementary

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



C2BE1B



1B1FC2

# 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.



DE9BFF



C2BE1B



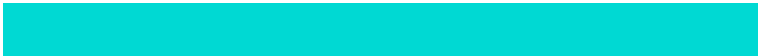
00CCFF

# Square

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



C2BE1B



00D9D3



5BB8FF



FF77A1

# Rectangle

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



C2BE1B



00D475



5BB8FF



FF87FA



# Sweetspot

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



C2BE1B



FCFBBB



C21B21



807F58



000000



808080



# Same Dimension

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



C2BE1B



FCF600



74C21B



616157



A19D00



212000



# Inverse Universe

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



1B1FC2



0006FC



691BC2



575761



0004A1



000121



# Previews

## White Background



This preview shows how the Hex color C2BE1B looks on a white background.

## Color Contrast Check

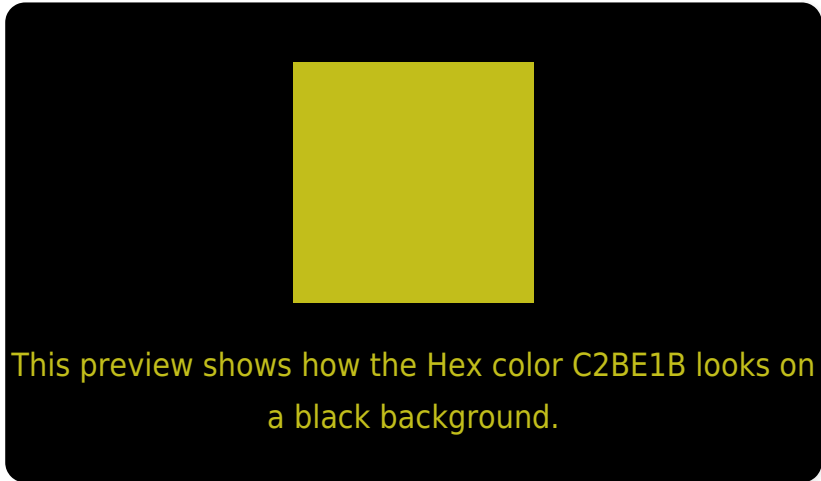
Large Text (above 18pt) WCAG AA × Fail

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 C2BE1B Background



This preview shows how black text looks on a background with the Hex color C2BE1B.



This preview shows how white text looks on a background with the Hex color C2BE1B.

# 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**  
C2BE1B

**Protanopia**  
D0B919

**Deuteranopia**  
E9AF26



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2BE1B 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 #C2BE1B looks like.

```
.text, #text, p{  
    color:#C2BE1B  
}
```

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 #C2BE1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2BE1B
}
```

## Border

The CSS property to change the border of an element to Hex C2BE1B 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
#C2BE1B }
```

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

```
.border{ border-color:#C2BE1B }
```

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

Here you see how a box with a 4 pixel #C2BE1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2BE1B; -webkit-box-shadow:4px 4px  
4px 4px #C2BE1B; box-shadow:4px 4px 4px  
4px #C2BE1B }
```

# Background

The CSS property to change the background color of an element to Hex C2BE1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2BE1B }
```

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

```
.background{ background-color:#C2BE1B }
```

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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