

Converting Colors

Hex(C9BF02)

Have a look what the booklet for
Hex(C9BF02) contains.

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Color

Hex(C9BF02)

Conversions

Conversions Part 1

Format	Color
Hex	C9BF02
RGB	201, 191, 2
RGB Percent	79%, 75%, 1%
CMY	0.2118, 0.2510, 0.9922
CMYK	0.00, 0.05, 0.99, 0.21
HSL	57°, 98%, 40%
HSV	57°, 99%, 79%
XYZ	42.7292, 49.6835, 7.3952
YIQ	172.4440, 66.6290, -56.6590

Conversions

Conversions Part 2

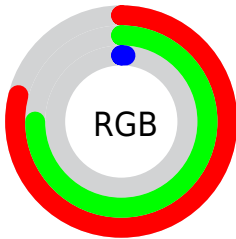
Format	Color
RYB	13, 201, 2
Decimal	13221634
CIELab	75.87, -12.98, 76.80
CIELCh	76, 77.893, 99.594
Yxy	49.6835, 0.4281, 0.4978
Android (android.graphics.Color)	4291411714 (0xFFC9BF02)
YUV	172.4440, -84.0289, 25.0436
Hunter-Lab	70.4865, -15.1441, 43.1200

Details

The Hex color **C9BF02** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed orange. A complement of this color would be **020CC9**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFF753**, and **8E8A00** is the 20% darker color. If you saturate the color by 10%, you get **C9BF00**, and if you desaturate by 10%, it is **C9C016**.

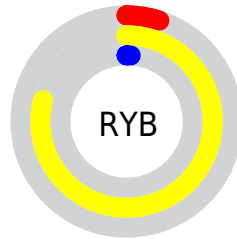
Distribution



Red (79%)

Green (75%)

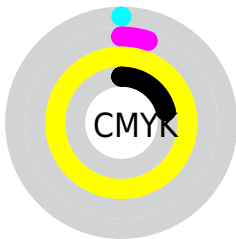
Blue (1%)



Red (5%)

Yellow (79%)

Blue (1%)

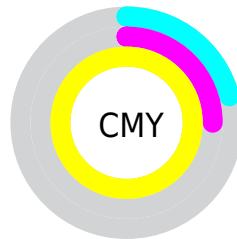


Cyan (0%)

Magenta (5%)

Yellow (99%)

Black (21%)



Cyan (21%)

Magenta (25%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9BF02 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 C9BF02 by changing the saturation by 10% instead.

 C9BF02

 C9BF02

FFFFFF

 ABA400

 FFF753

 8E8A00

 FFFF70

 727100

 FFFF8C

 565900

 FFFFA9

 3B4100

 FFFFC6

 212C00

 FFFFE4

 001800

 000000

 C9BF02

 C9BF02

 C9BF00

 C9C016

 C9C12A

 C9C23E

 C9C352

 C9C467

 C9C57B

 C9C68F

 C9C7A3

 C9C8B7

Harmonies

Analogous

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



FFA527



C9BF02



7AD041

Triad

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



C9BF02



00DAFF



FF7EEF

Complementary

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



C9BF02



020CC9

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.



DB9DFF



C9BF02



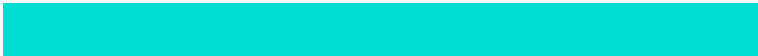
00D0FF

Square

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



C9BF02



00DDD1



38BCFF



FF73A7

Rectangle

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



C9BF02



00D76E



38BCFF



FF87FF

Sweetspot

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



C9BF02



FFFBB3



C9020F



807D52



000000



808080

Same Dimension

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



C9BF02



FFF200



73C902



63635A



A39B00



242200

Inverse Universe

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



020CC9



000DFF



5802C9



5A5A63



0008A3



000224

Previews

White Background



This preview shows how the Hex color C9BF02 looks on a white background.

Color Contrast Check

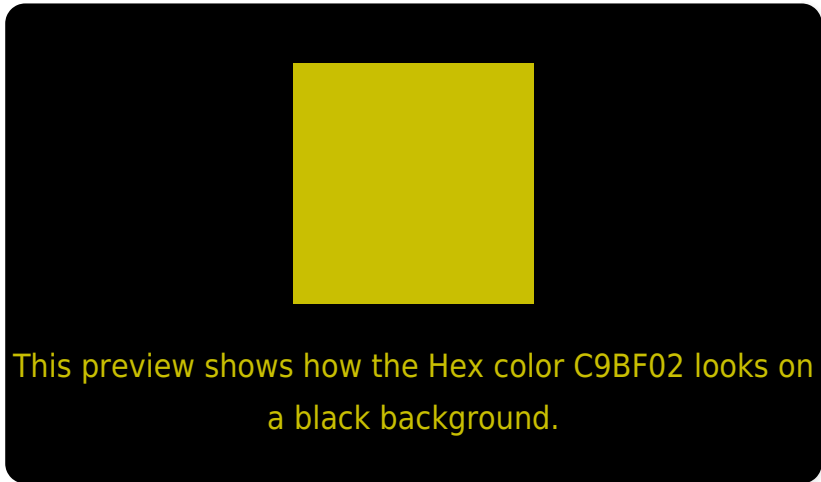
Large Text (above 18pt) WCAG AA × Fail

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 C9BF02 Background



This preview shows how black text looks on a background with the Hex color C9BF02.

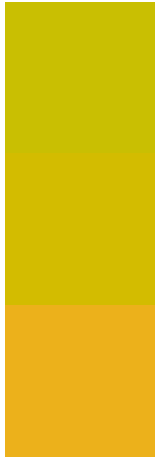


This preview shows how white text looks on a background with the Hex color C9BF02.

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
C9BF02

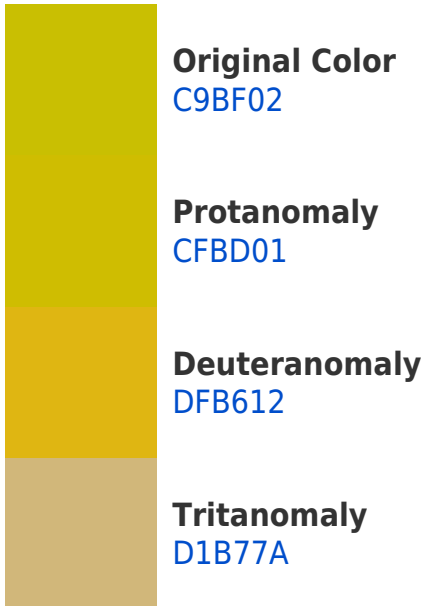
Protanopia
D3BC00

Deuteranopia
ECB11B



Tritanopia
D5B2BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9BF02 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 #C9BF02 looks like.

```
.text, #text, p{  
    color:#C9BF02  
}
```

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 #C9BF02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9BF02
}
```

Border

The CSS property to change the border of an element to Hex C9BF02 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
#C9BF02 }
```

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

```
.border{ border-color:#C9BF02 }
```

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

Here you see how a box with a 4 pixel #C9BF02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9BF02; -webkit-box-shadow:4px 4px  
4px 4px #C9BF02; box-shadow:4px 4px 4px  
4px #C9BF02 }
```

Background

The CSS property to change the background color of an element to Hex C9BF02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9BF02 }
```

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

```
.background{ background-color:#C9BF02 }
```

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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