

Converting Colors

Hex(C9C302)

Have a look what the booklet for
Hex(C9C302) contains.

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Color

Hex(C9C302)

Conversions

Conversions Part 1

Format	Color
Hex	C9C302
RGB	201, 195, 2
RGB Percent	79%, 76%, 1%
CMY	0.2118, 0.2353, 0.9922
CMYK	0.00, 0.03, 0.99, 0.21
HSL	58°, 98%, 40%
HSV	58°, 99%, 79%
XYZ	43.6135, 51.4521, 7.6900
YIQ	174.7920, 65.5290, -58.7510

Conversions

Conversions Part 2

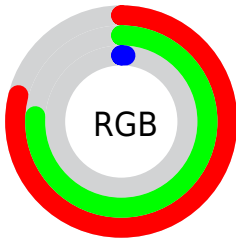
Format	Color
RYB	8, 201, 2
Decimal	13222658
CIELab	76.95, -15.00, 77.59
CIELCh	77, 79.028, 100.943
Yxy	51.4521, 0.4244, 0.5007
Android (android.graphics.Color)	4291412738 (0xFFC9C302)
YUV	174.7920, -85.1865, 22.9844
Hunter-Lab	71.7301, -16.9959, 43.8548

Details

The Hex color **C9C302** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **0208C9**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFFB53**, and **8E8E00** is the 20% darker color. If you saturate the color by 10%, you get **C9C300**, and if you desaturate by 10%, it is **C9C416**.

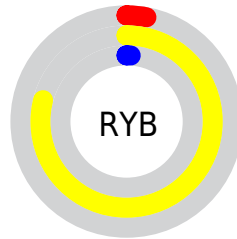
Distribution



Red (79%)

Green (76%)

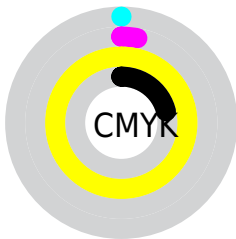
Blue (1%)



Red (3%)

Yellow (79%)

Blue (1%)

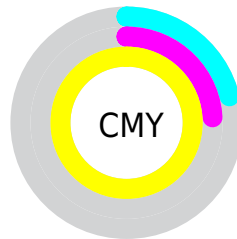


Cyan (0%)

Magenta (3%)

Yellow (99%)

Black (21%)



Cyan (21%)

Magenta (24%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9C302 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 C9C302 by changing the saturation by 10% instead.

 C9C302

 C9C302

FFFFFF

 ABA800

 FFFB53

 8E8E00

 FFFF71

 727400

 FFFF8D

 565C00

 FFFFAA

 3B4500

 FFFFC7

 212F00

 FFFF E5

 001B00

 000000

 C9C302

 C9C302

 C9C300

 C9C416

 C9C42A

 C9C53E

 C9C552

 C9C667

 C9C77B

 C9C78F

 C9C8A3

 C9C8B7

Harmonies

Analogous

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



FFA924



C9C302



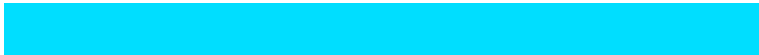
78D445

Triad

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



C9C302



00DEFF



FF7EEF

Complementary

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



C9C302



0208C9

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.



E39EFF



C9C302



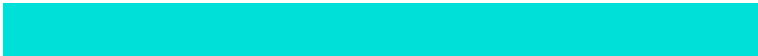
00D3FF

Square

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



C9C302



00E0D8



48BEFF



FF75A6

Rectangle

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



C9C302



00DB73



48BEFF



FF88FF

Sweetspot

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



C9C302



FFFDB3



C90209



807E52



000000



808080

Same Dimension

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



C9C302



FFF700



6CC902



63635A



A39E00



242300

Inverse Universe

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



0208C9



0008FF



5F02C9



5A5A63



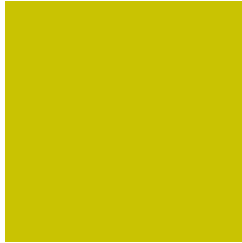
0005A3



000124

Previews

White Background



This preview shows how the Hex color C9C302 looks on a white background.

Color Contrast Check

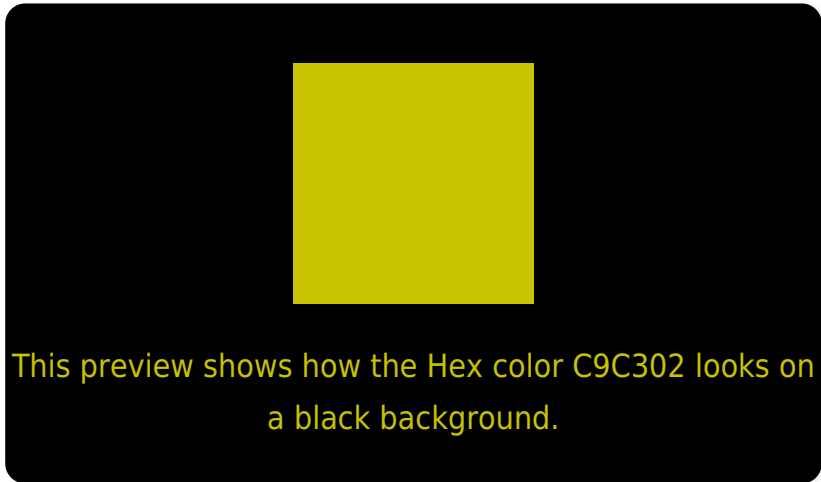
Large Text (above 18pt) WCAG AA × Fail

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 C9C302 Background



This preview shows how black text looks on a background with the Hex color C9C302.



This preview shows how white text looks on a background with the Hex color C9C302.

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
C9C302

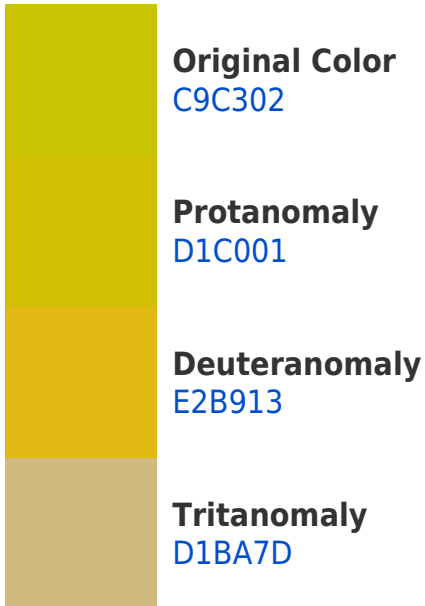
Protanopia
D6BE00

Deuteranopia
F0B41C



Tritanopia
D5B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9C302 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 #C9C302 looks like.

```
.text, #text, p{  
    color:#C9C302  
}
```

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 #C9C302 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9C302
}
```

Border

The CSS property to change the border of an element to Hex C9C302 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
#C9C302 }
```

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

```
.border{ border-color:#C9C302 }
```

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

Here you see how a box with a 4 pixel #C9C302 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9C302; -webkit-box-shadow:4px 4px  
4px 4px #C9C302; box-shadow:4px 4px 4px  
4px #C9C302 }
```

Background

The CSS property to change the background color of an element to Hex C9C302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9C302 }
```

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

```
.background{ background-color:#C9C302 }
```

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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