

Converting Colors

Hex(C9901B)

Have a look what the booklet for
Hex(C9901B) contains.

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Color

Hex(C9901B)

Conversions

Conversions Part 1

Format	Color
Hex	C9901B
RGB	201, 144, 27
RGB Percent	79%, 56%, 11%
CMY	0.2118, 0.4353, 0.8941
CMYK	0.00, 0.28, 0.87, 0.21
HSL	40°, 76%, 45%
HSV	40°, 87%, 79%
XYZ	34.2585, 32.4432, 5.4934
YIQ	147.7050, 71.5290, -24.3030

Conversions

Conversions Part 2

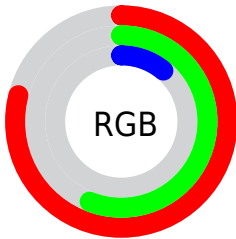
Format	Color
RYB	112, 201, 27
Decimal	13209627
CIELab	63.71, 12.27, 63.52
CIElCh	64, 64.698, 79.071
Yxy	32.4432, 0.4745, 0.4494
Android (android.graphics.Color)	4291399707 (0xFFC9901B)
YUV	147.7050, -59.5076, 46.7397
Hunter-Lab	56.9589, 7.6825, 34.1530

Details

The Hex color **C9901B** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **1B54C9**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFC655**, and **8E5E00** is the 20% darker color. If you saturate the color by 10%, you get **C98907**, and if you desaturate by 10%, it is **C9972F**.

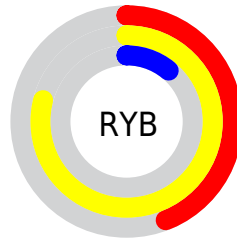
Distribution



Red (79%)

Green (56%)

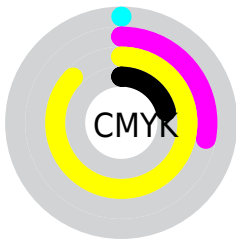
Blue (11%)



Red (44%)

Yellow (79%)

Blue (11%)

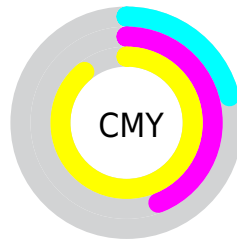


Cyan (0%)

Magenta (28%)

Yellow (87%)

Black (21%)



Cyan (21%)

Magenta (44%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9901B 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 C9901B by changing the saturation by 10% instead.

 C9901B

 C9901B

FFFFFF

 AB7600

 FFC655

 8E5E00

 FFE270

 714600

 FFFE8B

 553000

 FFFFA7

 3A1B00

 FFFFC3

 220300

 FFFFFE0

 000000

 FFFFFD

 C9901B

 C9901B

■ C98907

■ C9972F

■ C98700

■ C99D43

■ C9A457

■ C9AA6B

■ C9B180

■ C9B894

■ C9BEA8

■ C9C5BC

■ C9CBD0

Harmonies

Analogous

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



F07844



C9901B



94A31C

Triad

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



C9901B



00B6BE



CB7AE7

Complementary

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



C9901B



1B54C9

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.



7194FF



C9901B



00B2F1

Square

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



C9901B



00B483



00A7FF



F865B2

Rectangle

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



C9901B



69AB39



00A7FF



B383F4

Sweetspot

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



C9901B



FFE9BD



C91B55



807358



000000



808080

Same Dimension

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



C9901B



FFAB00



ACC91B



63605A



A36E00



241800

Inverse Universe

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



1B54C9



0054FF



381BC9



5A5D63



0035A3



000C24

Previews

White Background



This preview shows how the Hex color C9901B 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 C9901B Background



This preview shows how black text looks on a background with the Hex color C9901B.



This preview shows how white text looks on a background with the Hex color C9901B.

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
C9901B

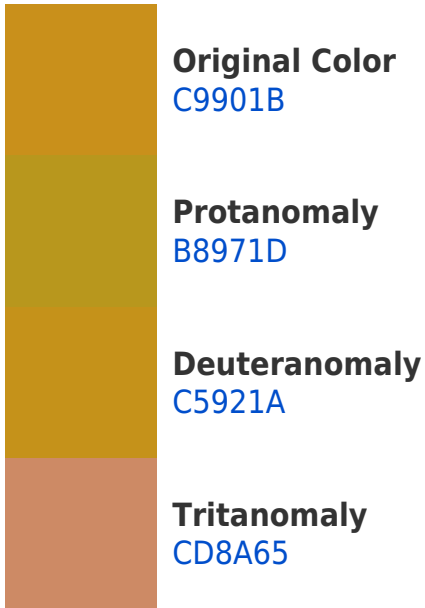
Protanopia
AE9B1E

Deuteranopia
C39319



Tritanopia
CF8690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9901B 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 #C9901B looks like.

```
.text, #text, p{  
    color:#C9901B  
}
```

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 #C9901B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9901B
}
```

Border

The CSS property to change the border of an element to Hex C9901B 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
#C9901B }
```

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

```
.border{ border-color:#C9901B }
```

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

Here you see how a box with a 4 pixel #C9901B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9901B; -webkit-box-shadow:4px 4px  
4px 4px #C9901B; box-shadow:4px 4px 4px  
4px #C9901B }
```

Background

The CSS property to change the background color of an element to Hex C9901B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9901B }
```

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

```
.background{ background-color:#C9901B }
```

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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