

Converting Colors

Hex(C99C00)

Have a look what the booklet for
Hex(C99C00) contains.

Hex(C99C00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C99C00)

Conversions

Conversions Part 1

Format	Color
Hex	C99C00
RGB	201, 156, 0
RGB Percent	79%, 61%, 0%
CMY	0.2118, 0.3882, 1.0000
CMYK	0.00, 0.22, 1.00, 0.21
HSL	47°, 100%, 39%
HSV	47°, 100%, 79%
XYZ	35.9759, 36.1944, 5.0901
YIQ	151.6710, 76.8960, -38.9760

Conversions

Conversions Part 2

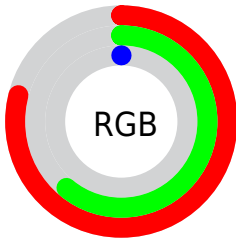
Format	Color
RYB	58, 201, 0
Decimal	13212672
CIELab	66.67, 5.35, 70.48
CIELCh	67, 70.687, 85.656
Yxy	36.1944, 0.4656, 0.4685
Android (android.graphics.Color)	4291402752 (0xFFC99C00)
YUV	151.6710, -74.7738, 43.2615
Hunter-Lab	60.1618, 1.4571, 37.0969

Details

The Hex color **C99C00** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **002DC9**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFD24B**, and **8E6900** is the 20% darker color. If you saturate the color by 10%, you get **C99C00**, and if you desaturate by 10%, it is **C9A114**.

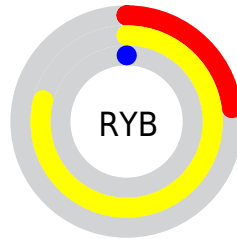
Distribution



Red (79%)

Green (61%)

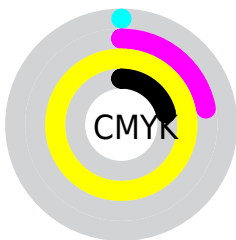
Blue (0%)



Red (23%)

Yellow (79%)

Blue (0%)

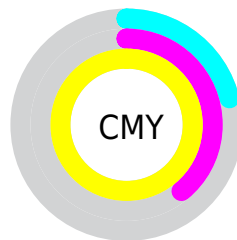


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C99C00 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 C99C00 by changing the saturation by 10% instead.

 C99C00

 C99C00


FFFFFF

 AB8200

 FFD24B

 8E6900

 FFEE67

 715100

 FFFF83

 553B00

 FFFF9F

 3A2500

 FFFFFB

 221100

 FFFFD8

 000000

 FFFFF6

 C99C00

 C9A114

 C9A528

 C9AA3C

 C9AE50

 C9B365

 C9B779

 C9BC8D

 C9C0A1

 C9C5B5

Harmonies

Analogous

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



F88237



C99C00



8CAF1B

Triad

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



C99C00



00BFD8



E678EB

Complementary

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



C99C00



002DC9

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.



8F95FF



C99C00



00BAFF

Square

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



C99C00



00BF97



00ACFF



FF63AE

Rectangle

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



C99C00



56B742



00ACFF



CF82FC

Sweetspot

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



C99C00



FFEEB3



C9002F



807552



000000



808080

Same Dimension

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



C99C00



FFC600



93C900



63615A



A37F00



241C00

Inverse Universe

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



002DC9



0039FF



3600C9



5A5C63



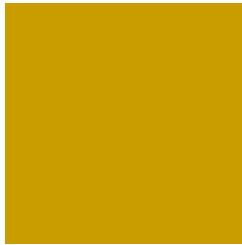
0025A3



000824

Previews

White Background



This preview shows how the Hex color C99C00 looks on a white background.

Color Contrast Check

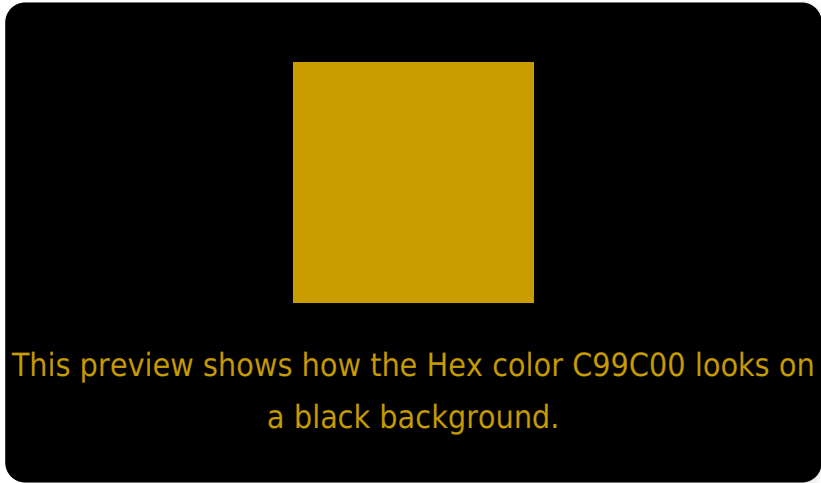
Large Text (above 18pt) WCAG AA × Fail

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 C99C00 Background



This preview shows how black text looks on a background with the Hex color C99C00.



This preview shows how white text looks on a background with the Hex color C99C00.

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
C99C00

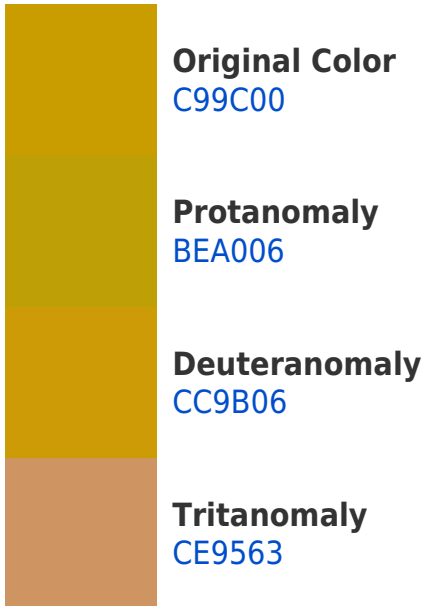
Protanopia
B7A30A

Deuteranopia
CD9A0A



Tritanopia
D1919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C99C00 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 #C99C00 looks like.

```
.text, #text, p{  
    color:#C99C00  
}
```

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 #C99C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C99C00  
}
```

Border

The CSS property to change the border of an element to Hex C99C00 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  
#C99C00 }
```

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

```
.border{ border-color:#C99C00 }
```

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

Here you see how a box with a 4 pixel #C99C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C99C00; -webkit-box-shadow:4px 4px  
4px 4px #C99C00; box-shadow:4px 4px 4px  
4px #C99C00 }
```

Background

The CSS property to change the background color of an element to Hex C99C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C99C00 }
```

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

```
.background{ background-color:#C99C00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor