

# Converting Colors

Hex(C9C800)

Have a look what the booklet for  
Hex(C9C800) contains.

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**Color**

**Hex(C9C800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9C800
RGB	201, 200, 0
RGB Percent	79%, 78%, 0%
CMY	0.2118, 0.2157, 1.0000
CMYK	0.00, 0.00, 1.00, 0.21
HSL	60°, 100%, 39%
HSV	60°, 100%, 79%
XYZ	44.7417, 53.7261, 8.0120
YIQ	177.4990, 64.7960, -61.9880

# Conversions

## Conversions Part 2

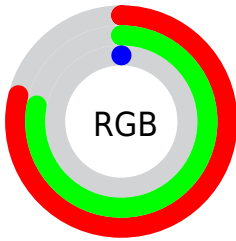
Format	Color
R <sub>Y</sub> B	1, 201, 0
Decimal	13223936
CIE Lab	78.30, -17.52, 78.78
CIE LCh	78, 80.705, 102.540
Yxy	53.7261, 0.4202, 0.5046
Android (android.graphics.Color)	4291414016 (0xFFC9C800)
YUV	177.4990, -87.5070, 20.6104
Hunter-Lab	73.2981, -19.3139, 44.8278

# Details

The Hex color **C9C800** 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 **0001C9**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFFF54**, and **8E9200** is the 20% darker color. If you saturate the color by 10%, you get **C9C800**, and if you desaturate by 10%, it is **C9C814**.

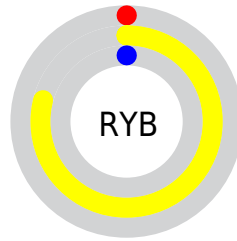
# Distribution



Red (79%)

Green (78%)

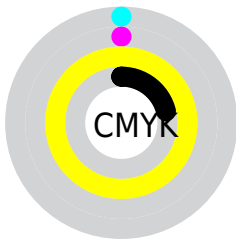
Blue (0%)



Red (0%)

Yellow (79%)

Blue (0%)

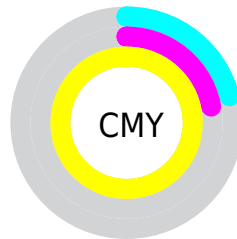


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (22%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9C800 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 C9C800 by changing the saturation by 10% instead.



 C9C800

 C9C800

FFFFFF

 ABAD00

 FFFF54

 8E9200

 FFFF71

 727900

 FFFF8E

 566000

 FFFFAB

 3A4900

 FFFFC8

 203200

 FFFF8E

 011E00

 000000

 C9C800

 C9C814

 C9C828

 C9C83C

 C9C850

 C9C965

 C9C979

 C9C98D

 C9C9A1

 C9C9B5

# Harmonies

## Analogous

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



FFAE20



C9C800



74D949

# Triad

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



C9C800



00E2FF



FF7FF1

# Complementary

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



C9C800



0001C9

# 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.



ED9FFF



C9C800



00D6FF

# Square

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



C9C800



00E5E0



58C0FF



FF77A5

# Rectangle

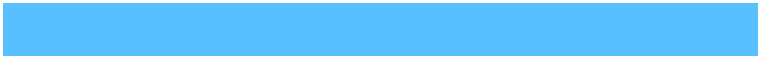
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C9C800



00E079



58C0FF



FF88FF



# Sweetspot

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



C9C800



FFFFB3



C90003



807F52



000000



808080



# Same Dimension

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



C9C800



FFFE00



68C900



63635A



A3A200



242400



# Inverse Universe

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



0001C9



0001FF



6100C9



5A5A63



0001A3



000024



# Previews

## White Background



This preview shows how the Hex color C9C800 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



This preview shows how the Hex color C9C800 looks on a 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 C9C800 Background



This preview shows how black text looks on a background with the Hex color C9C800.

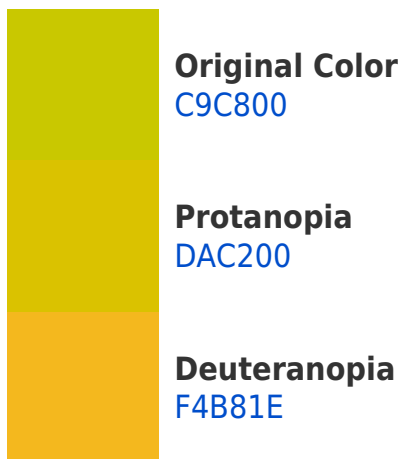


This preview shows how white text looks on a background with the Hex color C9C800.

# 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](#).

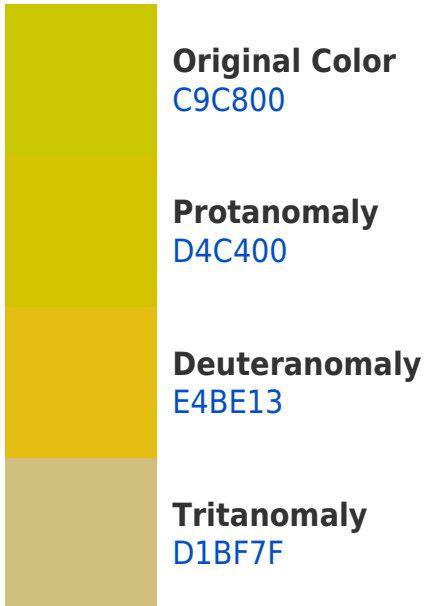
## Dichromacy





**Tritanopia**  
D6BAC8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9C800 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 #C9C800 looks like.

```
.text, #text, p{  
    color:#C9C800  
}
```

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 #C9C800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9C800
}
```

## Border

The CSS property to change the border of an element to Hex C9C800 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
#C9C800 }
```

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

```
.border{ border-color:#C9C800 }
```

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

Here you see how a box with a 4 pixel #C9C800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9C800; -webkit-box-shadow:4px 4px  
4px 4px #C9C800; box-shadow:4px 4px 4px  
4px #C9C800 }
```

# Background

The CSS property to change the background color of an element to Hex C9C800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9C800 }
```

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

```
.background{ background-color:#C9C800 }
```

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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