

Converting Colors

Hex(C9D808)

Have a look what the booklet for
Hex(C9D808) contains.

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Color

Hex(C9D808)

Conversions

Conversions Part 1

Format	Color
Hex	C9D808
RGB	201, 216, 8
RGB Percent	79%, 85%, 3%
CMY	0.2118, 0.1529, 0.9686
CMYK	0.07, 0.00, 0.96, 0.15
HSL	64°, 93%, 44%
HSV	64°, 96%, 85%
XYZ	48.6871, 61.5468, 9.5434
YIQ	187.8030, 57.8280, -67.8680

Conversions

Conversions Part 2

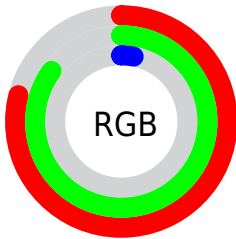
Format	Color
RYB	8, 216, 23
Decimal	13228040
CIELab	82.67, -25.25, 81.28
CIELCh	83, 85.114, 107.255
Yxy	61.5468, 0.4065, 0.5138
Android (android.graphics.Color)	4291418120 (0xFFC9D808)
YUV	187.8030, -88.6429, 11.5738
Hunter-Lab	78.4518, -26.5136, 47.7038

Details

The Hex color **C9D808** 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 **1708D8**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF59**, and **8EA100** is the 20% darker color. If you saturate the color by 10%, you get **C8D800**, and if you desaturate by 10%, it is **CBD81E**.

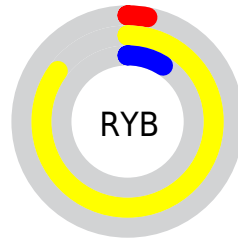
Distribution



Red (79%)

Green (85%)

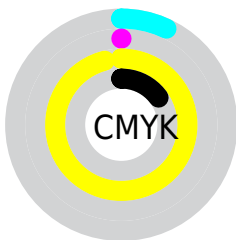
Blue (3%)



Red (3%)

Yellow (85%)

Blue (9%)

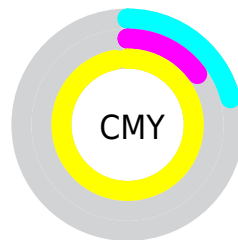


Cyan (7%)

Magenta (0%)

Yellow (96%)

Black (15%)



Cyan (21%)

Magenta (15%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9D808 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 C9D808 by changing the saturation by 10% instead.

 C9D808

 C9D808

FFFFFF

 ABBC00

 FFFF59

 8EA100

 FFFF77

 728700

 FFFF94

 556E00

 FFFFB1

 395600

 FFFFCF

 1E3E00

 FFFFEC

 002800

 001100

 000000

 C9D808

 C9D808

 C8D800

 CBD81E

 CCD833

 CED849

 CFD85E

 D1D874

 D2D88A

 D4D89F

 D5D8B5

 D7D8CA

Harmonies

Analogous

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



FFBE13



C9D808



67E858

Triad

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



C9D808



00EFFF



FF82F3

Complementary

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



C9D808



1708D8

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.



FFA3FF



C9D808



00E1FF

Square

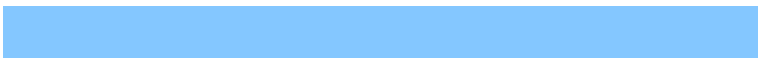
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C9D808



00F3FB



84C7FF



FF7FA3

Rectangle

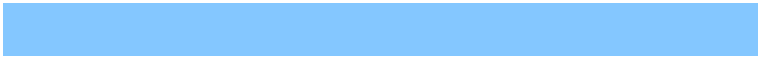
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C9D808



00EF8C



84C7FF



FF8BFF

Sweetspot

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



C9D808



FAFFB5



D81608



7C8053



000000



808080

Same Dimension

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



C9D808



EDFF00



62D808



6A6B60



9FAB00



282B00

Inverse Universe

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



1708D8



1200FF



7E08D8



61606B



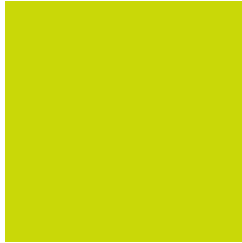
0C00AB



03002B

Previews

White Background



This preview shows how the Hex color C9D808 looks on a white background.

Color Contrast Check

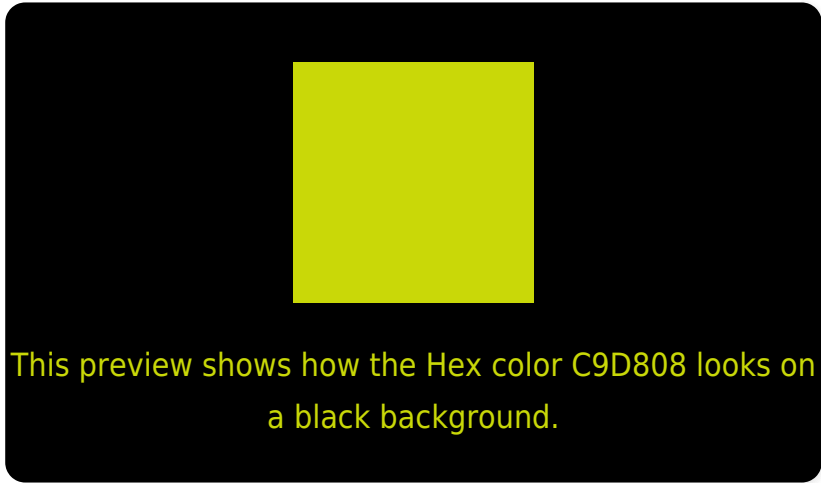
Large Text (above 18pt) WCAG AA × Fail

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 C9D808 Background



This preview shows how black text looks on a background with the Hex color C9D808.



This preview shows how white text looks on a background with the Hex color C9D808.

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](#).

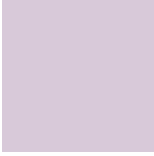
Dichromacy



Original Color
C9D808

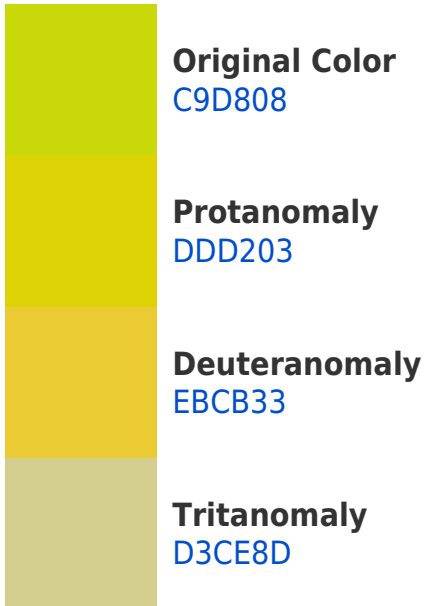
Protanopia
E8CE00

Deuteranopia
FFC44B



Tritanopia
D8C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9D808 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 #C9D808 looks like.

```
.text, #text, p{  
    color:#C9D808  
}
```

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 #C9D808 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9D808
}
```

Border

The CSS property to change the border of an element to Hex C9D808 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
#C9D808 }
```

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

```
.border{ border-color:#C9D808 }
```

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

Here you see how a box with a 4 pixel #C9D808 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9D808; -webkit-box-shadow:4px 4px  
4px 4px #C9D808; box-shadow:4px 4px 4px  
4px #C9D808 }
```

Background

The CSS property to change the background color of an element to Hex C9D808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9D808 }
```

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

```
.background{ background-color:#C9D808 }
```

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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