

# Converting Colors

Hex(C7D929)

Have a look what the booklet for  
Hex(C7D929) contains.

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**Color**

**Hex(C7D929)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7D929
RGB	199, 217, 41
RGB Percent	78%, 85%, 16%
CMY	0.2196, 0.1490, 0.8392
CMYK	0.08, 0.00, 0.81, 0.15
HSL	66°, 70%, 51%
HSV	66°, 81%, 85%
XYZ	48.7663, 61.9279, 11.4809
YIQ	191.5540, 45.7680, -58.5520

# Conversions

## Conversions Part 2

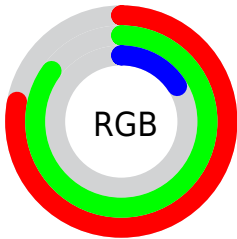
Format	Color
<b>RYB</b>	41, 217, 59
Decimal	13097257
CIELab	82.88, -25.91, 75.99
CIELCh	83, 80.283, 108.825
Yxy	61.9279, 0.3992, 0.5069
Android (android.graphics.Color)	4291287337 (0xFFC7D929)
YUV	191.5540, -74.2231, 6.5301
Hunter-Lab	78.6943, -27.0999, 46.4361

# Details

The Hex color **C7D929** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3B29D9**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFF68**, and **8DA200** is the 20% darker color. If you saturate the color by 10%, you get **C5D913**, and if you desaturate by 10%, it is **C9D93F**.

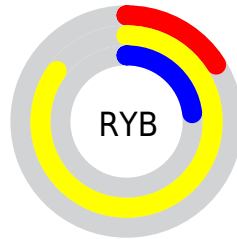
# Distribution



Red (78%)

Green (85%)

Blue (16%)



Red (16%)

Yellow (85%)

Blue (23%)

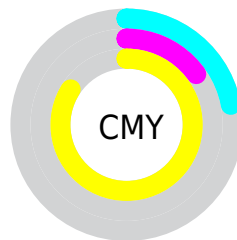


Cyan (8%)

Magenta (0%)

Yellow (81%)

Black (15%)



Cyan (22%)

Magenta (15%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7D929 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 C7D929 by changing the saturation by 10% instead.



 C7D929

 C7D929

FFFFFF

 AABD00

 FFFF68

 8DA200

 FFFF85

 708800

 FFFFA1

 556F00

 FFFFBE

 395600

 FFFFDC

 1D3F00

 FFFFF9

 002900

 001200

 000000

 C7D929

 C7D929

 C5D913

 C9D93F

 C3D900

 CBD954

 CED96A

 D0D980

 D2D995

 D4D9AB

 D7D9C1

 D9D9D7

 DBD9EC

# Harmonies

## Analogous

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



FFC128



C7D929



6AE864

# Triad

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



C7D929



00EDFF



FF89EE

# Complementary

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



C7D929



3B29D9

# 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.



FFA5FF



C7D929



00DFFF

# Square

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



C7D929



00F2FD



97C6FF



FF88A2

# Rectangle

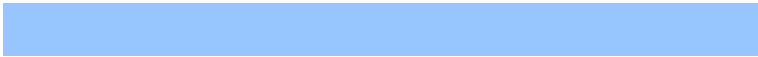
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C7D929



00EE95



97C6FF



FF90FF



# Sweetspot

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



C7D929



F9FFC2



D93B29



7C805B



000000



808080



# Same Dimension

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



C7D929



E6FF08



6FD929



6D6E63



9CAD00



292E00



# Inverse Universe

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



3B29D9



2108FF



9329D9



64636E



1200AD



05002E



# Previews

## White Background



This preview shows how the Hex color C7D929 looks on a white background.

## Color Contrast Check

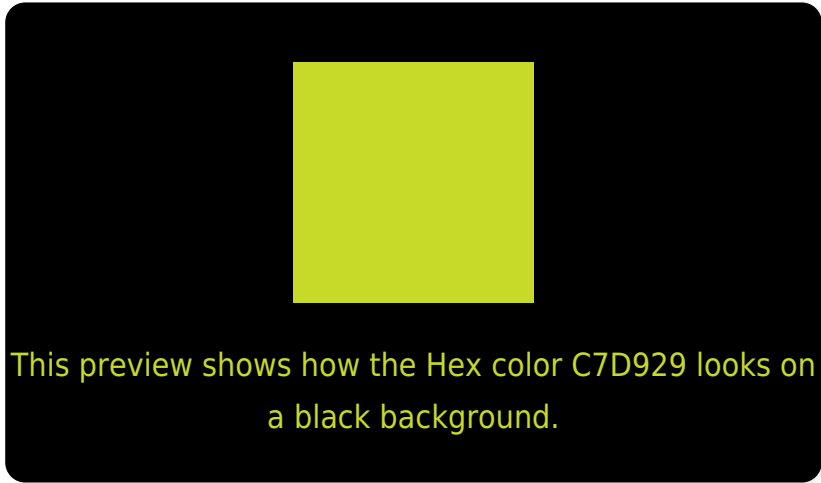
Large Text (above 18pt) WCAG AA × Fail

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 C7D929 Background



This preview shows how black text looks on a background with the Hex color C7D929.



This preview shows how white text looks on a background with the Hex color C7D929.

# 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



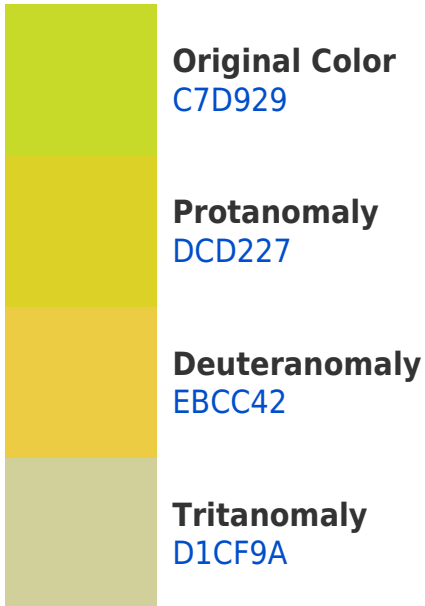
**Original Color**  
C7D929

**Protanopia**  
E8CE26

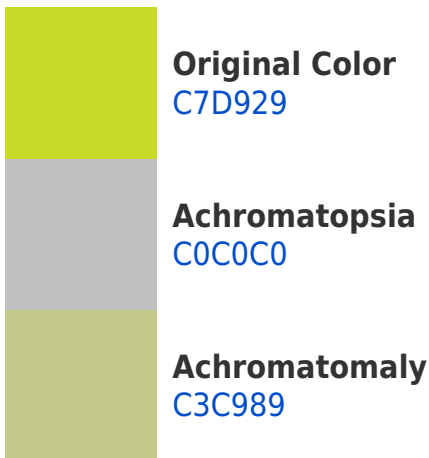
**Deuteranopia**  
FFC451



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7D929 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 #C7D929 looks like.

```
.text, #text, p{  
    color:#C7D929  
}
```

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 #C7D929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7D929
}
```

## Border

The CSS property to change the border of an element to Hex C7D929 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
#C7D929 }
```

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

```
.border{ border-color:#C7D929 }
```

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

Here you see how a box with a 4 pixel #C7D929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7D929; -webkit-box-shadow:4px 4px  
4px 4px #C7D929; box-shadow:4px 4px 4px  
4px #C7D929 }
```

# Background

The CSS property to change the background color of an element to Hex C7D929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7D929 }
```

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

```
.background{ background-color:#C7D929 }
```

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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