

# Converting Colors

Hex(C7C939)

Have a look what the booklet for  
Hex(C7C939) contains.

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**Color**

**Hex(C7C939)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7C939
RGB	199, 201, 57
RGB Percent	78%, 79%, 22%
CMY	0.2196, 0.2118, 0.7765
CMYK	0.01, 0.00, 0.72, 0.21
HSL	61°, 57%, 51%
HSV	61°, 72%, 79%
XYZ	45.1784, 54.2108, 11.9535
YIQ	183.9860, 45.0320, -45.2080

# Conversions

## Conversions Part 2

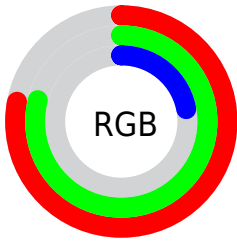
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 201, 59
Decimal	13093177
CIELab	78.58, -17.48, 67.31
CIELCh	79, 69.544, 104.557
Yxy	54.2108, 0.4058, 0.4869
Android (android.graphics.Color)	4291283257 (0xFFC7C939)
YUV	183.9860, -62.6041, 13.1673
Hunter-Lab	73.6280, -19.3209, 41.9139

# Details

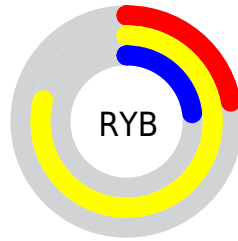
The Hex color **C7C939** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3B39C9**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFFF72**, and **8D9300** is the 20% darker color. If you saturate the color by 10%, you get **C7C925**, and if you desaturate by 10%, it is **C7C94D**.

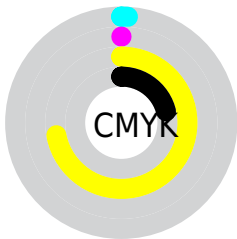
# Distribution



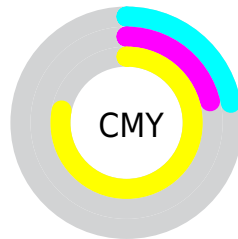
- Red (78%)
- Green (79%)
- Blue (22%)



- Red (22%)
- Yellow (79%)
- Blue (23%)



- Cyan (1%)
- Magenta (0%)
- Yellow (72%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7C939 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 C7C939 by changing the saturation by 10% instead.



 C7C939

 C7C939

FFFFFF

 AA AE16

 FFFF72

 8D9300

 FFFF8D

 717A00

 FFFF AA

 576100

 FFFF C6

 3B4900

 FFFF E3

 213300

 031E00

 000000

 C7C939

 C7C939

 C7C925

 C7C94D

 C6C911

 C8C961

 C6C900

 C8C975

 C8C989

 C8C99E

 C9C9B2

 C9C9C6

 C9C9DA

 CAC9EE

# Harmonies

## Analogous

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



FFB33F



C7C939



7DD861

# Triad

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



C7C939



00DEFF



FF8CE7

# Complementary

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



C7C939



3B39C9

# 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.



EEA4FF



C7C939



00D3FF

# Square

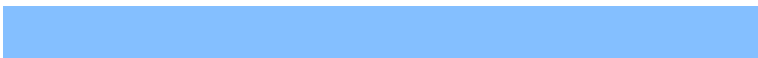
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C7C939



00E2E1



84BFFF



FF88A6

# Rectangle

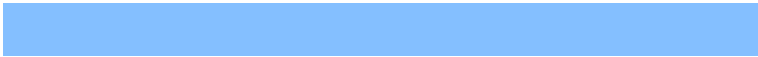
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C7C939



23DE88



84BFFF



FF93FB



# Sweetspot

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



C7C939



FEFFC9



C93939



7F8060



000000



808080



# Same Dimension

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



C7C939



FCFF24



81C939



63635A



A1A300



232400



# Inverse Universe

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



3B39C9



2724FF



8139C9



5A5A63



0200A3



000024



# Previews

## White Background



This preview shows how the Hex color C7C939 looks on a white background.

## Color Contrast Check

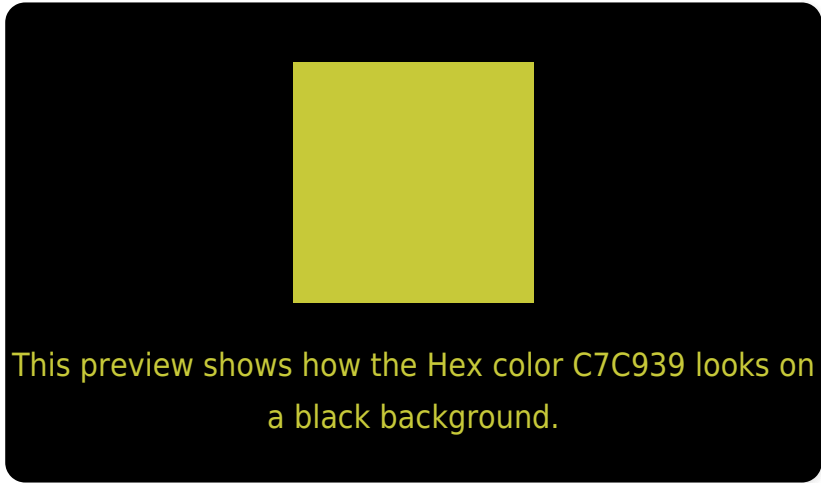
Large Text (above 18pt) WCAG AA × Fail

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 C7C939 Background



This preview shows how black text looks on a background with the Hex color C7C939.



This preview shows how white text looks on a background with the Hex color C7C939.

# 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



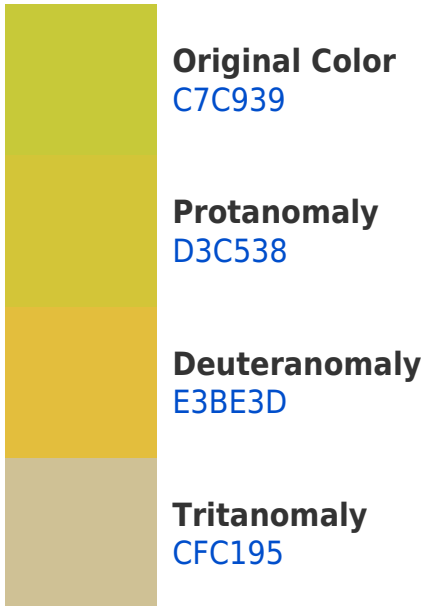
**Original Color**  
C7C939

**Protanopia**  
DAC337

**Deuteranopia**  
F3B840



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7C939 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 #C7C939 looks like.

```
.text, #text, p{  
    color:#C7C939  
}
```

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 #C7C939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7C939
}
```

## Border

The CSS property to change the border of an element to Hex C7C939 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
#C7C939 }
```

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

```
.border{ border-color:#C7C939 }
```

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

Here you see how a box with a 4 pixel #C7C939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7C939; -webkit-box-shadow:4px 4px  
4px 4px #C7C939; box-shadow:4px 4px 4px  
4px #C7C939 }
```

# Background

The CSS property to change the background color of an element to Hex C7C939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7C939 }
```

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

```
.background{ background-color:#C7C939 }
```

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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