

# Converting Colors

Hex(C9CC4A)

Have a look what the booklet for  
Hex(C9CC4A) contains.

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# Color

Hex(C9CC4A)

# Conversions

## Conversions Part 1

Format	Color
Hex	C9CC4A
RGB	201, 204, 74
RGB Percent	79%, 80%, 29%
CMY	0.2118, 0.2000, 0.7098
CMYK	0.01, 0.00, 0.64, 0.20
HSL	61°, 56%, 55%
HSV	61°, 64%, 80%
XYZ	46.9163, 56.0977, 14.8337
YIQ	188.2830, 39.9420, -41.0660

# Conversions

## Conversions Part 2

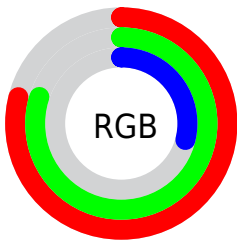
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 204, 77
Decimal	13225034
CIELab	79.67, -17.22, 62.04
CIELCh	80, 64.381, 105.509
Yxy	56.0977, 0.3981, 0.4760
Android (android.graphics.Color)	4291415114 (0xFFC9CC4A)
YUV	188.2830, -56.3415, 11.1528
Hunter-Lab	74.8984, -19.2598, 40.6864

# Details

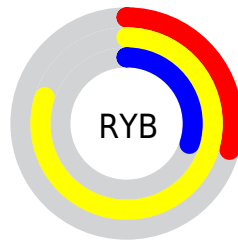
The Hex color **C9CC4A** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4D4ACC**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF81**, and **909606** is the 20% darker color. If you saturate the color by 10%, you get **C9CC36**, and if you desaturate by 10%, it is **C9CC5E**.

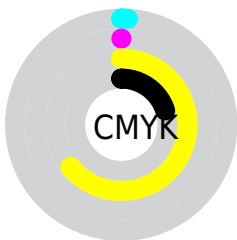
# Distribution



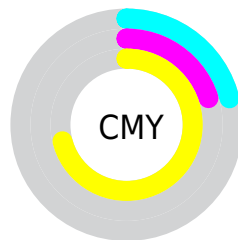
- Red (79%)
- Green (80%)
- Blue (29%)



- Red (29%)
- Yellow (80%)
- Blue (30%)



- Cyan (1%)
- Magenta (0%)
- Yellow (64%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9CC4A 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 C9CC4A by changing the saturation by 10% instead.





C9CC4A



C9CC4A

FFFFFF



ACB12D



FFF881



909606



FFF99C



747C00



FFF881



596300



FFF881



3F4C00



FFF881



243500



092000



000000



C9CC4A



C9CC4A

 C9CC36

 C9CC5E

 C8CC21

 CACC73

 C8CC0D

 CACC87

 C7CC00

 CBCC9C

 CBCCB0

 CCCCC4

 CCCC9D

 CDCCED

 CDCCFF

# Harmonies

## Analogous

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



FFB84D



C9CC4A



85DA6D

# Triad

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



C9CC4A



00DFFF



FF94E5

# Complementary

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



C9CC4A



4D4ACC

# 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.



F1A9FF



C9CC4A



00D4FF

# Square

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



C9CC4A



00E3E4



94C1FF



FF91A9

# Rectangle

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



C9CC4A



3FDF91



94C1FF



FF9AF8



# Sweetspot

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



C9CC4A



FEFFCF



CC4C4A



7F8062



000000



808080



# Same Dimension

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



C9CC4A



FBFF3D



89CC4A



66665C



A2A600



252600



# Inverse Universe

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



4D4ACC



423DFF



8D4ACC



5C5C66



0400A6



010026



# Previews

## White Background



This preview shows how the Hex color C9CC4A looks on a white background.

## Color Contrast Check

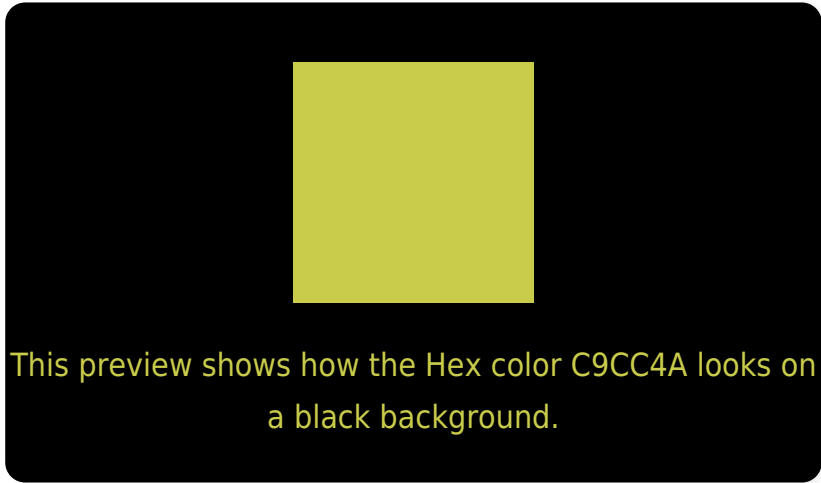
Large Text (above 18pt) WCAG AA × Fail

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 C9CC4A Background



This preview shows how black text looks on a background with the Hex color C9CC4A.

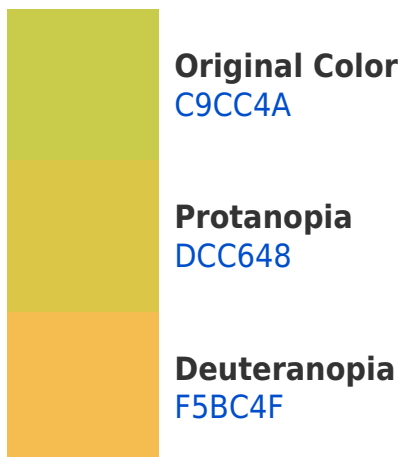


This preview shows how white text looks on a background with the Hex color C9CC4A.

# 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](#).

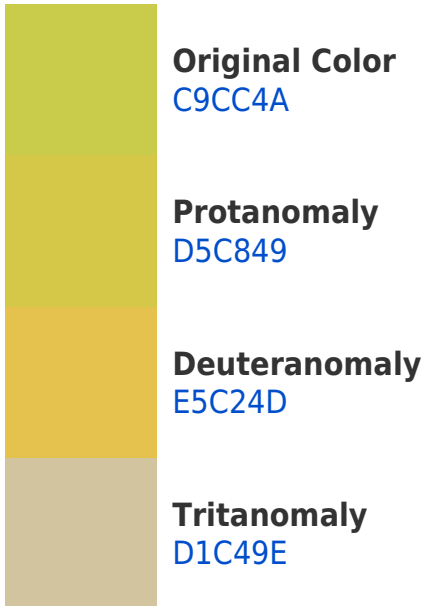
## Dichromacy



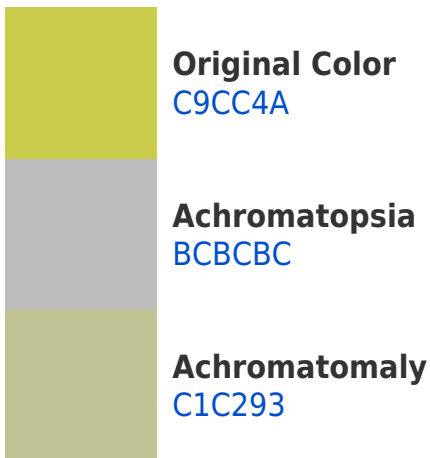


**Tritanopia**  
D5BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9CC4A 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 #C9CC4A looks like.

```
.text, #text, p{  
    color:#C9CC4A  
}
```

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 #C9CC4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9CC4A
}
```

## Border

The CSS property to change the border of an element to Hex C9CC4A 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
#C9CC4A }
```

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

```
.border{ border-color:#C9CC4A }
```

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

Here you see how a box with a 4 pixel #C9CC4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9CC4A; -webkit-box-shadow:4px 4px  
4px 4px #C9CC4A; box-shadow:4px 4px 4px  
4px #C9CC4A }
```

# Background

The CSS property to change the background color of an element to Hex C9CC4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9CC4A }
```

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

```
.background{ background-color:#C9CC4A }
```

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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