

# Converting Colors

Hex(C7C73A)

Have a look what the booklet for  
Hex(C7C73A) contains.

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**Color**

**Hex(C7C73A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7C73A
RGB	199, 199, 58
RGB Percent	78%, 78%, 23%
CMY	0.2196, 0.2196, 0.7725
CMYK	0.00, 0.00, 0.71, 0.22
HSL	60°, 56%, 50%
HSV	60°, 71%, 78%
XYZ	44.7403, 53.2945, 11.9318
YIQ	182.9260, 45.2610, -43.8510

# Conversions

## Conversions Part 2

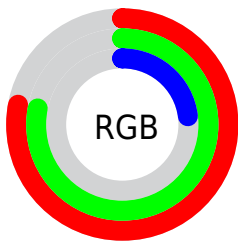
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 199, 58
Decimal	13092666
CIELab	78.05, -16.43, 66.45
CIELCh	78, 68.448, 103.893
Yxy	53.2945, 0.4069, 0.4846
Android (android.graphics.Color)	4291282746 (0xFFC7C73A)
YUV	182.9260, -61.5885, 14.0969
Hunter-Lab	73.0030, -18.3606, 41.4116

# Details

The Hex color **C7C73A** 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 **3A3AC7**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFFF72**, and **8D9100** is the 20% darker color. If you saturate the color by 10%, you get **C7C726**, and if you desaturate by 10%, it is **C7C74E**.

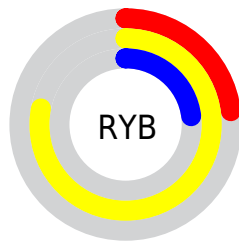
# Distribution



Red (78%)

Green (78%)

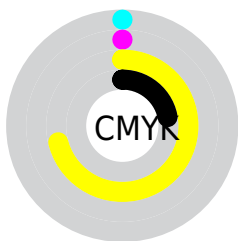
Blue (23%)



Red (23%)

Yellow (78%)

Blue (23%)

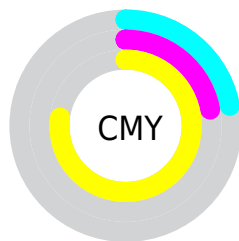


Cyan (0%)

Magenta (0%)

Yellow (71%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7C73A 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 C7C73A by changing the saturation by 10% instead.



 C7C73A

 C7C73A

FFFFFF

 AAAC18

 FFFF72

 8D9100

 FFFF8E

 727800

 FFFFAA

 575F00

 FFFFC7

 3B4800

 FFFFEE

 223100

 021D00

 000000

 C7C73A

 C7C73A

 C7C726

 C7C74E

 C7C712

 C7C762

 C7C700

 C7C776

 C7C78A

 C7C79E

 C7C7B1

 C7C7C5

 C7C7D9

 C7C7ED

# Harmonies

## Analogous

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



FFB141



C7C73A



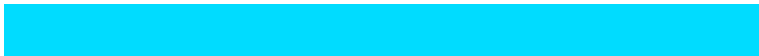
7FD660

# Triad

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



C7C73A



00DCFF



FF8CE6

# Complementary

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



C7C73A



3A3AC7

# Split Complementary

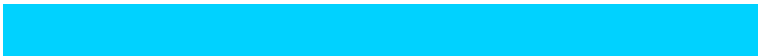
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EBA4FF



C7C73A



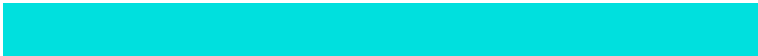
00D2FF

# Square

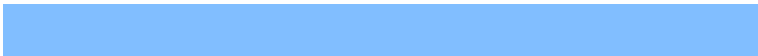
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C7C73A



00E0DE



81BEFF



FF87A6

# Rectangle

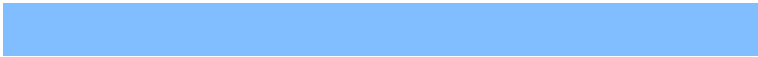
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C7C73A



2EDC86



81BEFF



FF93FA



# Sweetspot

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



C7C73A



FFFFC9



C73A3A



808060



000000



808080



# Same Dimension

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



C7C73A



FFFF26



81C73A



63635A



A3A300



242400



# Inverse Universe

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



3A3AC7



2626FF



813AC7



5A5A63



0000A3



000024



# Previews

## White Background



This preview shows how the Hex color C7C73A looks on a white background.

## Color Contrast Check

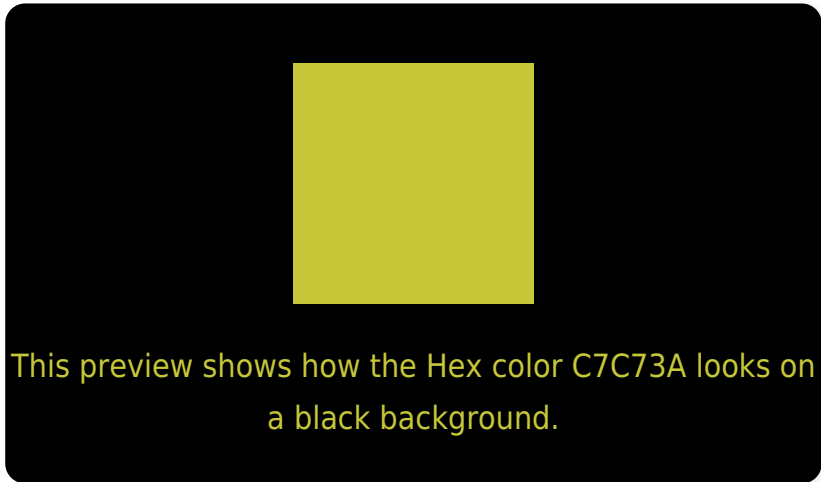
Large Text (above 18pt) WCAG AA × Fail

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 C7C73A Background



This preview shows how black text looks on a background with the Hex color C7C73A.



This preview shows how white text looks on a background with the Hex color C7C73A.

# 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**  
C7C73A

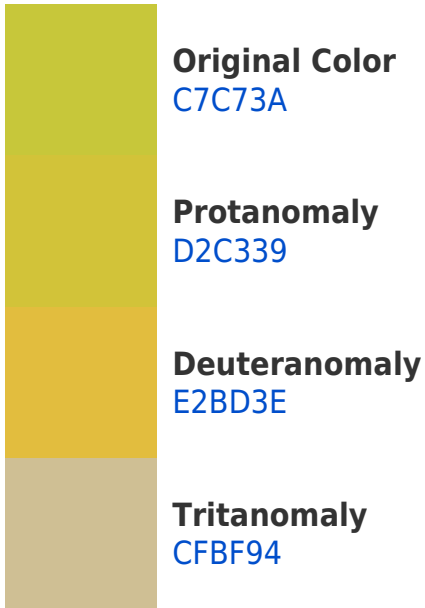
**Protanopia**  
D8C139

**Deuteranopia**  
F1B740

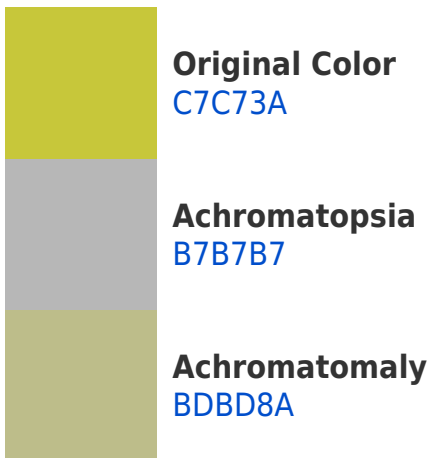


**Tritanopia**  
D3BAC8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7C73A 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 #C7C73A looks like.

```
.text, #text, p{  
    color:#C7C73A  
}
```

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 #C7C73A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7C73A
}
```

## Border

The CSS property to change the border of an element to Hex C7C73A 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
#C7C73A }
```

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

```
.border{ border-color:#C7C73A }
```

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

Here you see how a box with a 4 pixel #C7C73A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7C73A; -webkit-box-shadow:4px 4px  
4px 4px #C7C73A; box-shadow:4px 4px 4px  
4px #C7C73A }
```

# Background

The CSS property to change the background color of an element to Hex C7C73A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7C73A }
```

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

```
.background{ background-color:#C7C73A }
```

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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