

Converting Colors

Hex(C7A938)

Have a look what the booklet for
Hex(C7A938) contains.

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Color

Hex(C7A938)

Conversions

Conversions Part 1

Format	Color
Hex	C7A938
RGB	199, 169, 56
RGB Percent	78%, 66%, 22%
CMY	0.2196, 0.3373, 0.7804
CMYK	0.00, 0.15, 0.72, 0.22
HSL	47°, 56%, 50%
HSV	47°, 72%, 78%
XYZ	38.4550, 40.8036, 9.5905
YIQ	165.0880, 54.1530, -28.7830

Conversions

Conversions Part 2

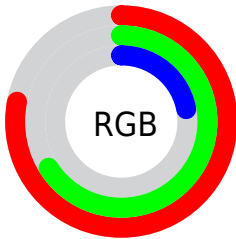
Format	Color
R_{YB}	94, 199, 56
Decimal	13084984
CIE _{Lab}	70.04, -1.05, 59.36
CIE _{LCh}	70, 59.364, 91.011
Yxy	40.8036, 0.4328, 0.4592
Android (android.graphics.Color)	4291275064 (0xFFC7A938)
YUV	165.0880, -53.7804, 29.7408
Hunter-Lab	63.8777, -4.3272, 35.8127

Details

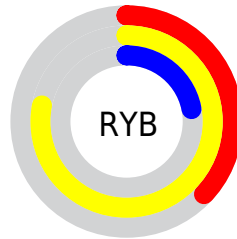
The Hex color **C7A938** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3856C7**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFE06E**, and **8D7500** is the 20% darker color. If you saturate the color by 10%, you get **C7A524**, and if you desaturate by 10%, it is **C7AD4C**.

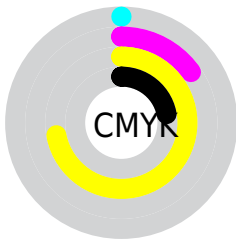
Distribution



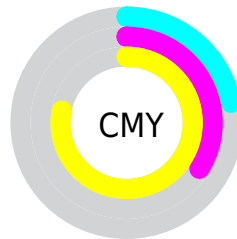
- Red (78%)
- Green (66%)
- Blue (22%)



- Red (37%)
- Yellow (78%)
- Blue (22%)



- Cyan (0%)
- Magenta (15%)
- Yellow (72%)
- Black (22%)



- Cyan (22%)
- Magenta (34%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7A938 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 C7A938 by changing the saturation by 10% instead.

 C7A938

 C7A938


FFFFFF

 AA8F1A

 FFE06E

 8D7500

 FFFC89

 715D00

 FFFFA4

 564600

 FFFFC0

 3B3000

 FFFFDD

 231B00

 FFFFFA

 000000

 C7A938

 C7A938

 C7A524

 C7AD4C

 C7A110

 C7B160

 C79D00

 C7B674

 C7BA88

 C7BE9C

 C7C2AF

 C7C6C3

 C7CAD7

 C7CFEB

Harmonies

Analogous

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



F2954C



C7A938



90B849

Triad

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



C7A938



00C5E1



EE86E0

Complementary

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



C7A938



3856C7

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.



AF9CFF



C7A938



00BEFF

Square

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



C7A938



00C6AB



32B1FF



FF7BAC

Rectangle

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



C7A938



63BF64



32B1FF



DD8DF0

Sweetspot

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



C7A938



FFF3C7



C73857



80795E



000000



808080

Same Dimension

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



C7A938



FFD124



9EC738



63615A



A38100



241C00

Inverse Universe

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



3856C7



2452FF



6138C7



5A5C63



0022A3



000724

Previews

White Background



This preview shows how the Hex color C7A938 looks on a white background.

Color Contrast Check

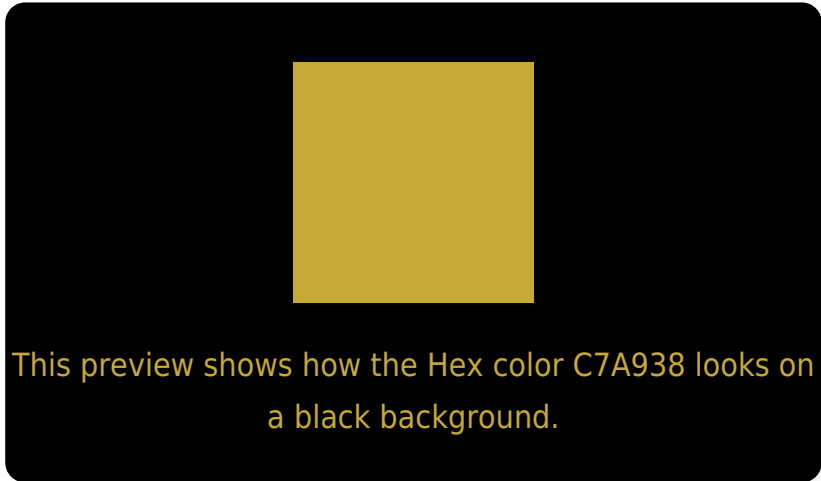
Large Text (above 18pt) WCAG AA × Fail

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 C7A938 Background



This preview shows how black text looks on a background with the Hex color C7A938.

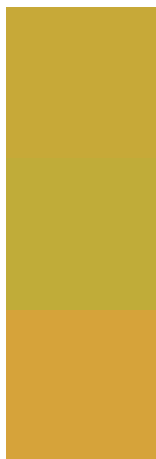


This preview shows how white text looks on a background with the Hex color C7A938.

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
C7A938

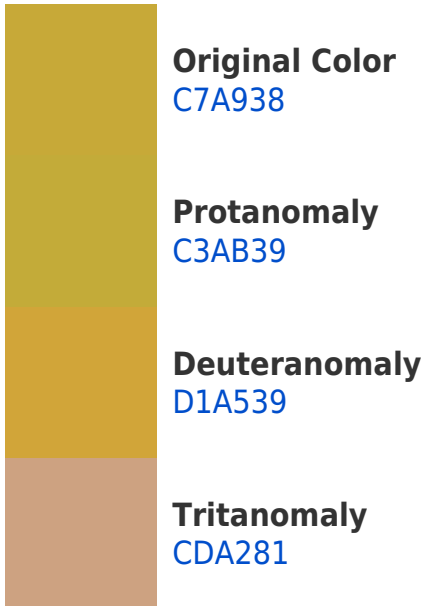
Protanopia
C0AC39

Deuteranopia
D6A33A

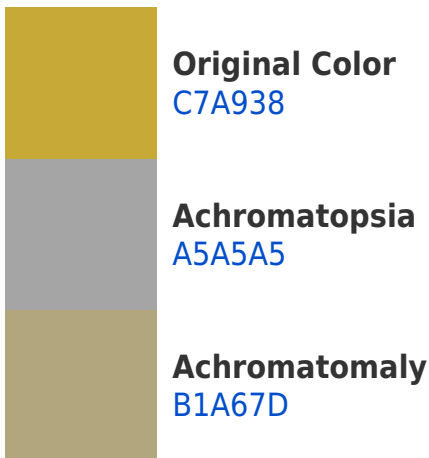


Tritanopia
D09EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7A938 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 #C7A938 looks like.

```
.text, #text, p{  
    color:#C7A938  
}
```

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 #C7A938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A938
}
```

Border

The CSS property to change the border of an element to Hex C7A938 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
#C7A938 }
```

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

```
.border{ border-color:#C7A938 }
```

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

Here you see how a box with a 4 pixel #C7A938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A938; -webkit-box-shadow:4px 4px  
4px 4px #C7A938; box-shadow:4px 4px 4px  
4px #C7A938 }
```

Background

The CSS property to change the background color of an element to Hex C7A938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A938 }
```

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

```
.background{ background-color:#C7A938 }
```

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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