

Converting Colors

Hex(C7C338)

Have a look what the booklet for
Hex(C7C338) contains.

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Color

Hex(C7C338)

Conversions

Conversions Part 1

Format	Color
Hex	C7C338
RGB	199, 195, 56
RGB Percent	78%, 76%, 22%
CMY	0.2196, 0.2353, 0.7804
CMYK	0.00, 0.02, 0.72, 0.22
HSL	58°, 56%, 50%
HSV	58°, 72%, 78%
XYZ	43.7821, 51.4579, 11.3662
YIQ	180.3500, 47.0030, -42.3810

Conversions

Conversions Part 2

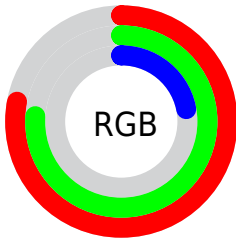
Format	Color
RYB	60, 199, 56
Decimal	13091640
CIELab	76.96, -14.52, 66.10
CIELCh	77, 67.674, 102.390
Yxy	51.4579, 0.4107, 0.4827
Android (android.graphics.Color)	4291281720 (0xFFC7C338)
YUV	180.3500, -61.3045, 16.3561
Hunter-Lab	71.7341, -16.5893, 40.8195

Details

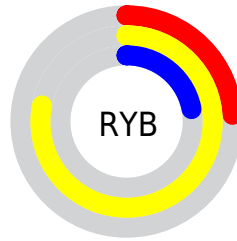
The Hex color **C7C338** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **383CC7**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFFB70**, and **8D8E00** is the 20% darker color. If you saturate the color by 10%, you get **C7C224**, and if you desaturate by 10%, it is **C7C44C**.

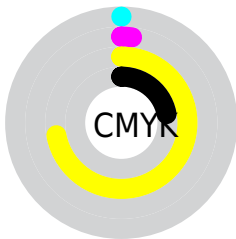
Distribution



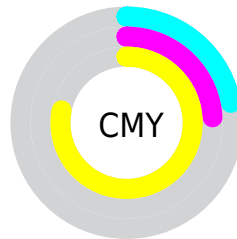
- Red (78%)
- Green (76%)
- Blue (22%)



- Red (24%)
- Yellow (78%)
- Blue (22%)



- Cyan (0%)
- Magenta (2%)
- Yellow (72%)
- Black (22%)



- Cyan (22%)
- Magenta (24%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7C338 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 C7C338 by changing the saturation by 10% instead.

 C7C338

 C7C338


FFFFFF

 AAA816

 FFFB70

 8D8E00

 FFFF8C

 717400

 FFFFA8

 575C00

 FFFF8C

 3B4400

 FFFFE1

 222E00

 011B00

 000000

 C7C338

 C7C338

 C7C224

 C7C44C

 C7C210

 C7C460

 C7C100

 C7C574

 C7C588

 C7C69C

 C7C6AF

 C7C7C3

 C7C7D7

 C7C8EB

Harmonies

Analogous

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



FEAD41



C7C338



81D25C

Triad

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



C7C338



00D9FF



FF8BE5

Complementary

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



C7C338



383CC7

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.



E3A2FF



C7C338



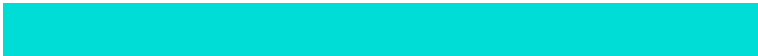
00CFFF

Square

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



C7C338



00DDD7



77BCFF



FF85A6

Rectangle

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



C7C338



37D881



77BCFF



FF91F9

Sweetspot

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



C7C338



FFFDC7



C7383D



807F5E



000000



808080

Same Dimension

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



C7C338



FFF924



84C738



63635A



A39F00



242300

Inverse Universe

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



383CC7



242AFF



7B38C7



5A5A63



0005A3



000124

Previews

White Background



This preview shows how the Hex color C7C338 looks on a white background.

Color Contrast Check

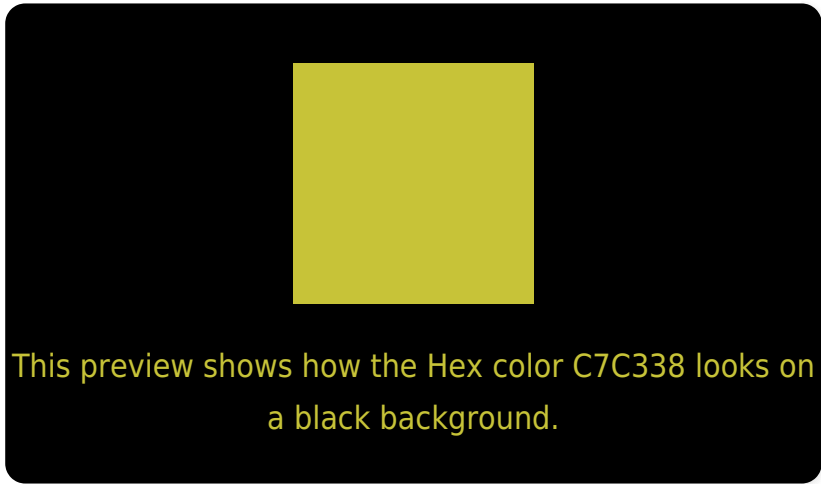
Large Text (above 18pt) WCAG AA × Fail

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 C7C338 Background



This preview shows how black text looks on a background with the Hex color C7C338.

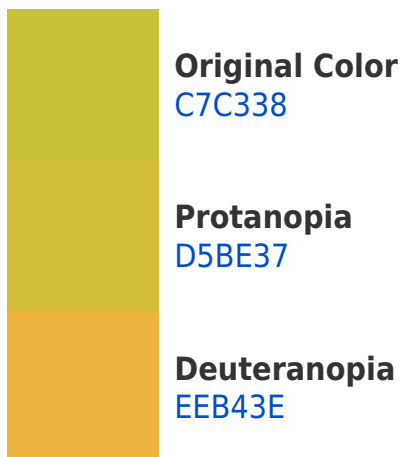


This preview shows how white text looks on a background with the Hex color C7C338.

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](#).

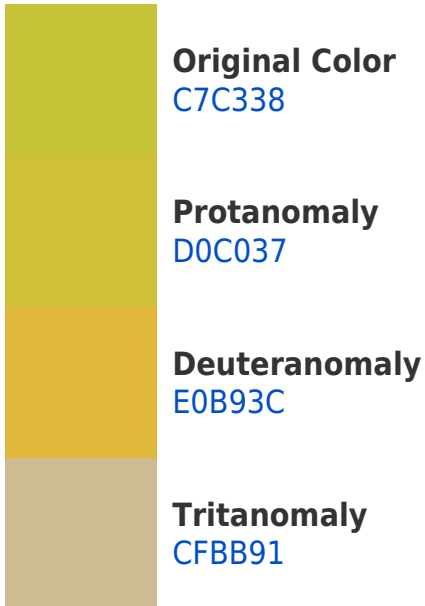
Dichromacy





Tritanopia
D3B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7C338 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 #C7C338 looks like.

```
.text, #text, p{  
    color:#C7C338  
}
```

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 #C7C338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7C338
}
```

Border

The CSS property to change the border of an element to Hex C7C338 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
#C7C338 }
```

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

```
.border{ border-color:#C7C338 }
```

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

Here you see how a box with a 4 pixel #C7C338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7C338; -webkit-box-shadow:4px 4px  
4px 4px #C7C338; box-shadow:4px 4px 4px  
4px #C7C338 }
```

Background

The CSS property to change the background color of an element to Hex C7C338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7C338 }
```

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

```
.background{ background-color:#C7C338 }
```

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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