

Converting Colors

Hex(D7A938)

Have a look what the booklet for
Hex(D7A938) contains.

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Color

Hex(D7A938)

Conversions

Conversions Part 1

Format	Color
Hex	D7A938
RGB	215, 169, 56
RGB Percent	84%, 66%, 22%
CMY	0.1569, 0.3373, 0.7804
CMYK	0.00, 0.21, 0.74, 0.16
HSL	43°, 67%, 53%
HSV	43°, 74%, 84%
XYZ	42.9261, 43.1085, 9.7997
YIQ	169.8720, 63.6890, -25.3910

Conversions

Conversions Part 2

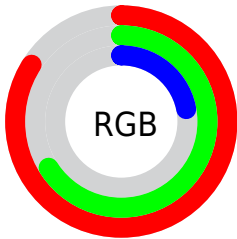
Format	Color
RYB	121, 215, 56
Decimal	14133560
CIELab	71.63, 5.91, 61.45
CIELCh	72, 61.738, 84.509
Yxy	43.1085, 0.4479, 0.4498
Android (android.graphics.Color)	4292323640 (0xFFD7A938)
YUV	169.8720, -56.1389, 39.5773
Hunter-Lab	65.6571, 1.8021, 37.1106

Details

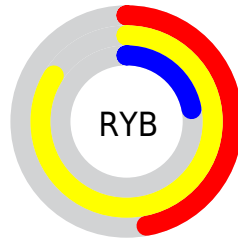
The Hex color **D7A938** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3866D7**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE06E**, and **9C7500** is the 20% darker color. If you saturate the color by 10%, you get **D7A323**, and if you desaturate by 10%, it is **D7AF4E**.

Distribution



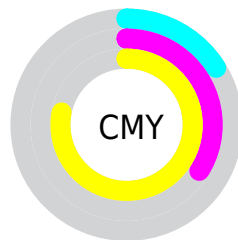
- Red (84%)
- Green (66%)
- Blue (22%)



- Red (47%)
- Yellow (84%)
- Blue (22%)



- Cyan (0%)
- Magenta (21%)
- Yellow (74%)
- Black (16%)



- Cyan (16%)
- Magenta (34%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7A938 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 D7A938 by changing the saturation by 10% instead.

 D7A938

 D7A938

FFFFFF

 B98F1A

 FFE06E

 9C7500

 FFFC89

 7F5D00

 FFFFA5

 634600

 FFFFC1

 483000

 FFFFDE

 2E1B00

 FFFFFB

 150100

 000000

 D7A938

 D7A938

 D7A323

 D7AF4E

 D79D0D

 D7B563

 D79900

 D7BC79

 D7C28E

 D7C8A4

 D7CEB9

 D7D5CF

 D7DBE4

 D7E1FA

Harmonies

Analogous

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



FF9354



D7A938



A1BA41

Triad

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



D7A938



00CBDD



EA8DF2

Complementary

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



D7A938



3866D7

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.



A0A5FF



D7A938



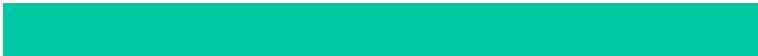
00C5FF

Square

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



D7A938



00CAA3



00B9FF



FF7DBC

Rectangle

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



D7A938



74C25B



00B9FF



D695FF

Sweetspot

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



D7A938



FFEFC7



D73868



80765E



000000



808080

Same Dimension

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



D7A938



FFBD1C



B7D738



6B6860



AB7900



2B1F00

Inverse Universe

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



3866D7



1C5EFF



5838D7



60636B



0031AB



000D2B

Previews

White Background



This preview shows how the Hex color D7A938 looks on a white background.

Color Contrast Check

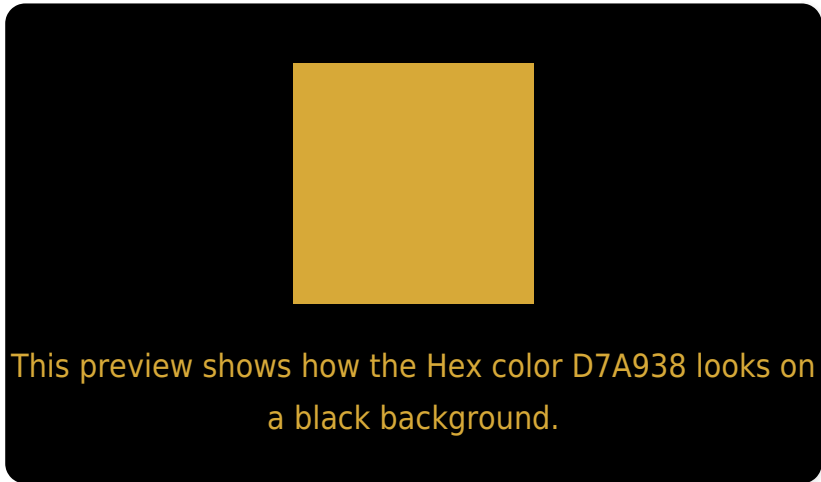
Large Text (above 18pt) WCAG AA × Fail

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 D7A938 Background



This preview shows how black text looks on a background with the Hex color D7A938.



This preview shows how white text looks on a background with the Hex color D7A938.

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
D7A938

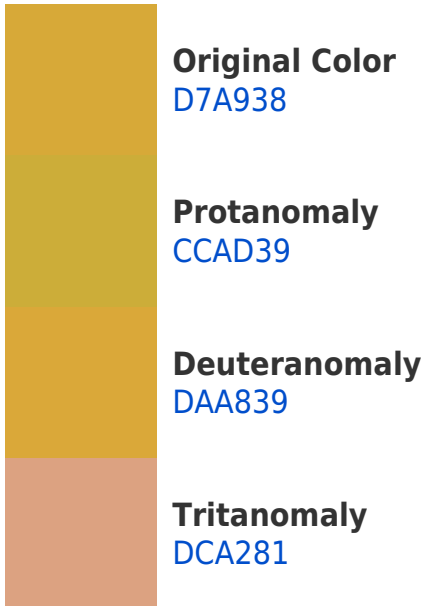
Protanopia
C5B03A

Deuteranopia
DCA739

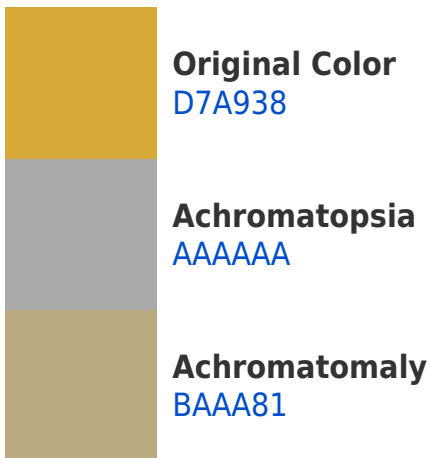


Tritanopia
DF9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7A938 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 #D7A938 looks like.

```
.text, #text, p{  
    color:#D7A938  
}
```

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 #D7A938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7A938
}
```

Border

The CSS property to change the border of an element to Hex D7A938 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
#D7A938 }
```

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

```
.border{ border-color:#D7A938 }
```

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

Here you see how a box with a 4 pixel #D7A938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7A938; -webkit-box-shadow:4px 4px  
4px 4px #D7A938; box-shadow:4px 4px 4px  
4px #D7A938 }
```

Background

The CSS property to change the background color of an element to Hex D7A938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7A938 }
```

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

```
.background{ background-color:#D7A938 }
```

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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