

Converting Colors

Hex(D7A632)

Have a look what the booklet for
Hex(D7A632) contains.

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Color

Hex(D7A632)

Conversions

Conversions Part 1

Format	Color
Hex	D7A632
RGB	215, 166, 50
RGB Percent	84%, 65%, 20%
CMY	0.1569, 0.3490, 0.8039
CMYK	0.00, 0.23, 0.77, 0.16
HSL	42°, 67%, 52%
HSV	42°, 77%, 84%
XYZ	42.2363, 41.9498, 8.8886
YIQ	167.4270, 66.4400, -25.6880

Conversions

Conversions Part 2

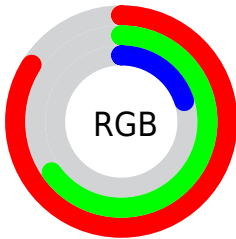
Format	Color
RYB	120, 215, 50
Decimal	14132786
CIELab	70.84, 7.26, 62.96
CIELCh	71, 63.374, 83.425
Yxy	41.9498, 0.4538, 0.4507
Android (android.graphics.Color)	4292322866 (0xFFD7A632)
YUV	167.4270, -57.8915, 41.7215
Hunter-Lab	64.7687, 3.0564, 37.2013

Details

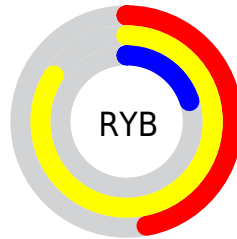
The Hex color **D7A632** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3263D7**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFDD69**, and **9C7200** is the 20% darker color. If you saturate the color by 10%, you get **D7A01C**, and if you desaturate by 10%, it is **D7AC47**.

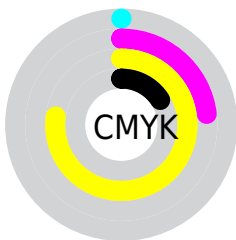
Distribution



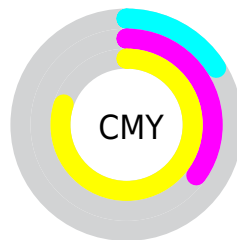
- Red (84%)
- Green (65%)
- Blue (20%)



- Red (47%)
- Yellow (84%)
- Blue (20%)



- Cyan (0%)
- Magenta (23%)
- Yellow (77%)
- Black (16%)



- Cyan (16%)
- Magenta (35%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7A632 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 D7A632 by changing the saturation by 10% instead.

 D7A632

 D7A632

FFFFFF

 B98C11

 FFDD69

 9C7200

 FFF984

 7F5A00

 FFFF9F

 634300

 FFFFBB

 472D00

 FFFFD8

 2D1900

 FFFFF5

 140000

 000000

 D7A632

 D7A632

 D7A01C

 D7AC47

 D79907

 D7B35D

 D79700

 D7B973

 D7C088

 D7C69E

 D7CCB3

 D7D3C9

 D7D9DE

 D7DFF3

Harmonies

Analogous

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



FF9051



D7A632



A0B83A

Triad

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



D7A632



00C9DA



E78BF3

Complementary

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



D7A632



3263D7

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.



99A3FF



D7A632



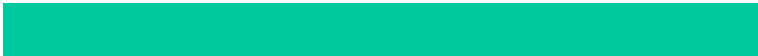
00C4FF

Square

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



D7A632



00C99E



00B8FF



FF79BD

Rectangle

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



D7A632



73C055



00B8FF



D293FF

Sweetspot

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



D7A632



FFEEC4



D73264



80755C



000000



808080

Same Dimension

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



D7A632



FFB914



B6D732



6B6860



AB7800



2B1E00

Inverse Universe

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



3263D7



145AFF



5332D7



60646B



0033AB



000D2B

Previews

White Background



This preview shows how the Hex color D7A632 looks on a white background.

Color Contrast Check

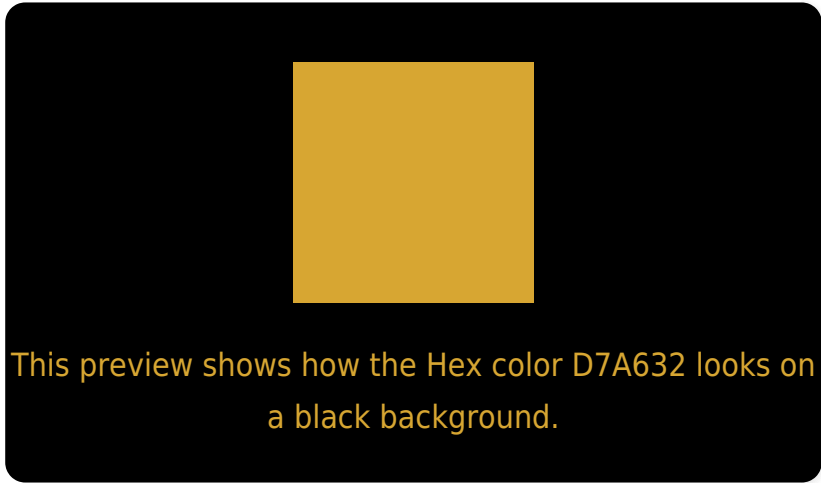
Large Text (above 18pt) WCAG AA × Fail

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 D7A632 Background



This preview shows how black text looks on a background with the Hex color D7A632.



This preview shows how white text looks on a background with the Hex color D7A632.

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
D7A632

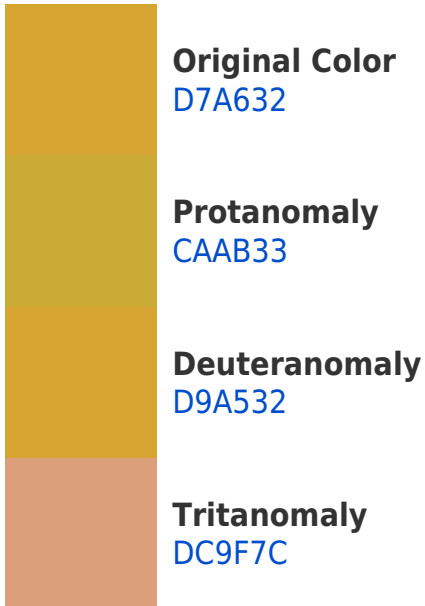
Protanopia
C3AE34

Deuteranopia
DAA532

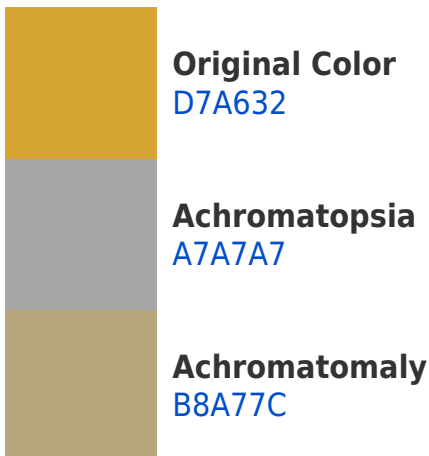


Tritanopia
DF9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7A632 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 #D7A632 looks like.

```
.text, #text, p{  
    color:#D7A632  
}
```

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 #D7A632 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7A632
}
```

Border

The CSS property to change the border of an element to Hex D7A632 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
#D7A632 }
```

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

```
.border{ border-color:#D7A632 }
```

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

Here you see how a box with a 4 pixel #D7A632 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7A632; -webkit-box-shadow:4px 4px  
4px 4px #D7A632; box-shadow:4px 4px 4px  
4px #D7A632 }
```

Background

The CSS property to change the background color of an element to Hex D7A632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7A632 }
```

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

```
.background{ background-color:#D7A632 }
```

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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