

Converting Colors

Hex(D2A730)

Have a look what the booklet for
Hex(D2A730) contains.

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Color

Hex(D2A730)

Conversions

Conversions Part 1

Format	Color
Hex	D2A730
RGB	210, 167, 48
RGB Percent	82%, 65%, 19%
CMY	0.1765, 0.3451, 0.8118
CMYK	0.00, 0.20, 0.77, 0.18
HSL	44°, 64%, 51%
HSV	44°, 77%, 82%
XYZ	40.9306, 41.5525, 8.6595
YIQ	166.2910, 63.8270, -27.8930

Conversions

Conversions Part 2

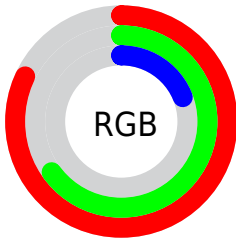
Format	Color
RYB	107, 210, 48
Decimal	13805360
CIELab	70.56, 4.47, 63.24
CIELCh	71, 63.393, 85.958
Yxy	41.5525, 0.4491, 0.4559
Android (android.graphics.Color)	4291995440 (0xFFD2A730)
YUV	166.2910, -58.3175, 38.3328
Hunter-Lab	64.4612, 0.5340, 37.1581

Details

The Hex color **D2A730** 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 **305BD2**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFDE67**, and **977300** is the 20% darker color. If you saturate the color by 10%, you get **D2A11B**, and if you desaturate by 10%, it is **D2AD45**.

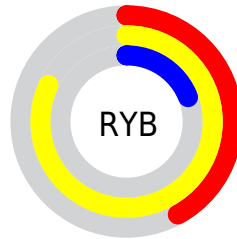
Distribution



Red (82%)

Green (65%)

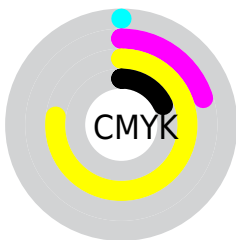
Blue (19%)



Red (42%)

Yellow (82%)

Blue (19%)

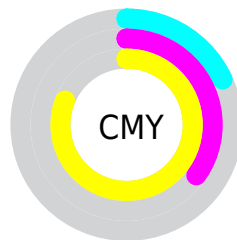


Cyan (0%)

Magenta (20%)

Yellow (77%)

Black (18%)



Cyan (18%)

Magenta (35%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2A730 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 D2A730 by changing the saturation by 10% instead.

 D2A730

 D2A730

FFFFFF

 B48D0D

 FFDE67

 977300

 FFFA82

 7B5B00

 FFFF9E

 5F4400

 FFFFBA

 432E00

 FFFFD6

 2A1A00

 FFFFF4

 0E0000

 000000

 D2A730

 D2A730

 D2A11B

 D2AD45

 D29C06

 D2B25A

 D29A00

 D2B86F

 D2BD84

 D2C399

 D2C8AE

 D2CEC3

 D2D4D8

 D2D9ED

Harmonies

Analogous

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



FD914D



D2A730



9AB83C

Triad

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



D2A730



00C8DD



EB88EE

Complementary

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



D2A730



305BD2

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.



A0A1FF



D2A730



00C2FF

Square

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



D2A730



00C8A3



00B5FF



FF78B7

Rectangle

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



D2A730



6BC058



00B5FF



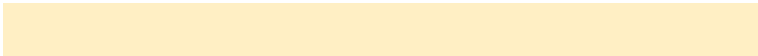
D790FD

Sweetspot

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



D2A730



FFEFC4



D2305B



80765C



000000



808080

Same Dimension

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



D2A730



FFC012



ACD230



69665E



A87C00



291E00

Inverse Universe

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



305BD2



1251FF



5630D2



5E6169



002DA8



000B29

Previews

White Background



This preview shows how the Hex color D2A730 looks on a white background.

Color Contrast Check

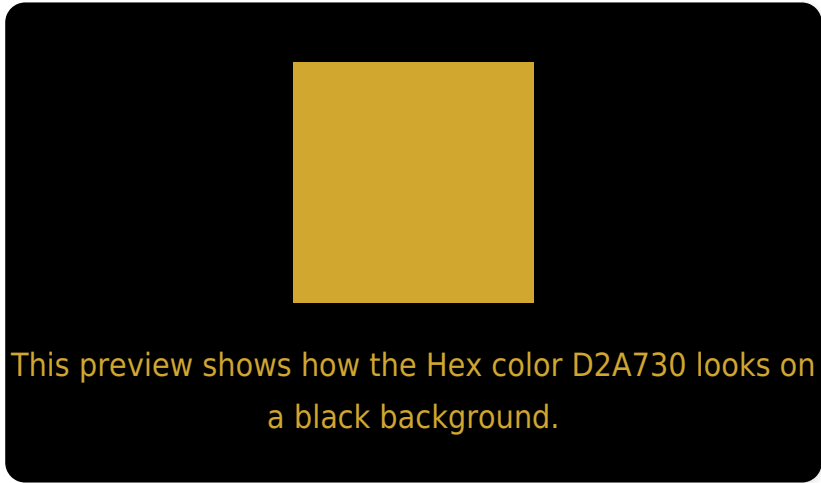
Large Text (above 18pt) WCAG AA × Fail

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 D2A730 Background



This preview shows how black text looks on a background with the Hex color D2A730.



This preview shows how white text looks on a background with the Hex color D2A730.

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
D2A730

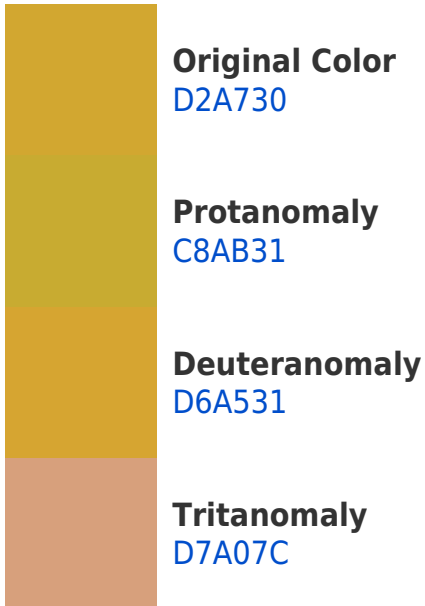
Protanopia
C2AD32

Deuteranopia
D9A431

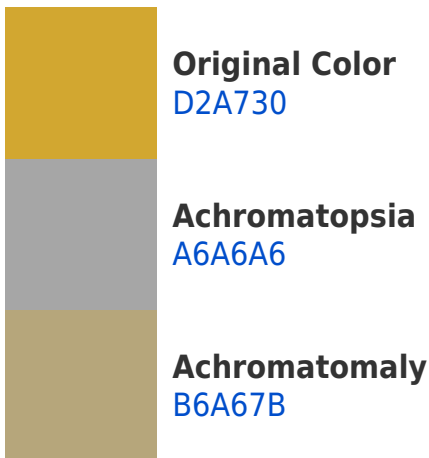


Tritanopia
DA9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2A730 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 #D2A730 looks like.

```
.text, #text, p{  
    color:#D2A730  
}
```

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 #D2A730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2A730
}
```

Border

The CSS property to change the border of an element to Hex D2A730 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
#D2A730 }
```

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

```
.border{ border-color:#D2A730 }
```

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

Here you see how a box with a 4 pixel #D2A730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2A730; -webkit-box-shadow:4px 4px  
4px 4px #D2A730; box-shadow:4px 4px 4px  
4px #D2A730 }
```

Background

The CSS property to change the background color of an element to Hex D2A730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2A730 }
```

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

```
.background{ background-color:#D2A730 }
```

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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