

Converting Colors

Hex(D3A70B)

Have a look what the booklet for
Hex(D3A70B) contains.

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Color

Hex(D3A70B)

Conversions

Conversions Part 1

Format	Color
Hex	D3A70B
RGB	211, 167, 11
RGB Percent	83%, 65%, 4%
CMY	0.1725, 0.3451, 0.9569
CMYK	0.00, 0.21, 0.95, 0.17
HSL	47°, 90%, 44%
HSV	47°, 95%, 83%
XYZ	40.7431, 41.5105, 6.1815
YIQ	162.3720, 76.3000, -39.1880

Conversions

Conversions Part 2

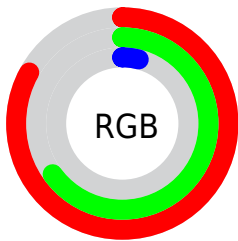
Format	Color
RYB	67, 211, 11
Decimal	13870859
CIELab	70.53, 4.02, 72.33
CIElCh	71, 72.437, 86.821
Yxy	41.5105, 0.4607, 0.4694
Android (android.graphics.Color)	4292060939 (0xFFD3A70B)
YUV	162.3720, -74.6264, 42.6468
Hunter-Lab	64.4286, 0.1289, 39.4115

Details

The Hex color **D3A70B** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0B37D3**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFDE51**, and **977400** is the 20% darker color. If you saturate the color by 10%, you get **D3A500**, and if you desaturate by 10%, it is **D3AC20**.

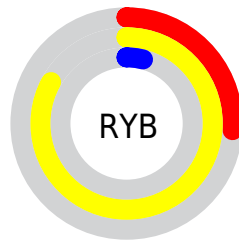
Distribution



Red (83%)

Green (65%)

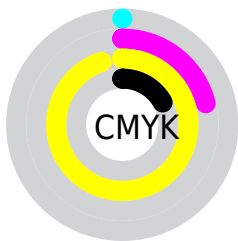
Blue (4%)



Red (26%)

Yellow (83%)

Blue (4%)

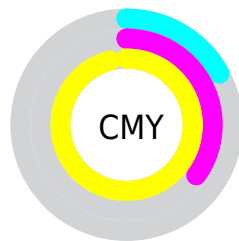


Cyan (0%)

Magenta (21%)

Yellow (95%)

Black (17%)



Cyan (17%)

Magenta (35%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3A70B 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 D3A70B by changing the saturation by 10% instead.

 D3A70B

 D3A70B

FFFFFF

 B58D00

 FFDE51

 977400

 FFFA6D

 7B5B00

 FFFF89

 5E4400

 FFFFA6

 432E00

 FFFFC2

 291A00

 FFFFDF

 0D0000

 FFFFFD

 000000

 D3A70B

 D3A70B

 D3A500

 D3AC20

 D3B035

 D3B54A

 D3BA5F

 D3BE74

 D3C38A

 D3C79F

 D3CCB4

 D3D1C9

Harmonies

Analogous

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



FF8D3C



D3A70B



93BA26

Triad

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



D3A70B



00CBE6



F580F6

Complementary

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



D3A70B



0B37D3

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.



9E9EFF



D3A70B



00C5FF

Square

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



D3A70B



00CBA3



00B6FF



FF6BB6

Rectangle

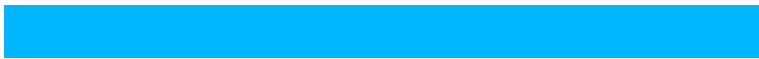
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D3A70B



5BC24C



00B6FF



DE8AFF

Sweetspot

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



D3A70B



FFEFB8



D30B3A



807654



000000



808080

Same Dimension

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



D3A70B



FFC700



9ED30B



69665E



A88300



292000

Inverse Universe

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



0B37D3



0038FF



400BD3



5E6069



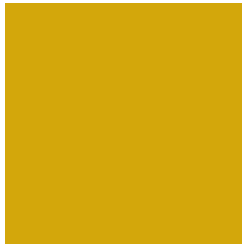
0025A8



000929

Previews

White Background



This preview shows how the Hex color D3A70B looks on a white background.

Color Contrast Check

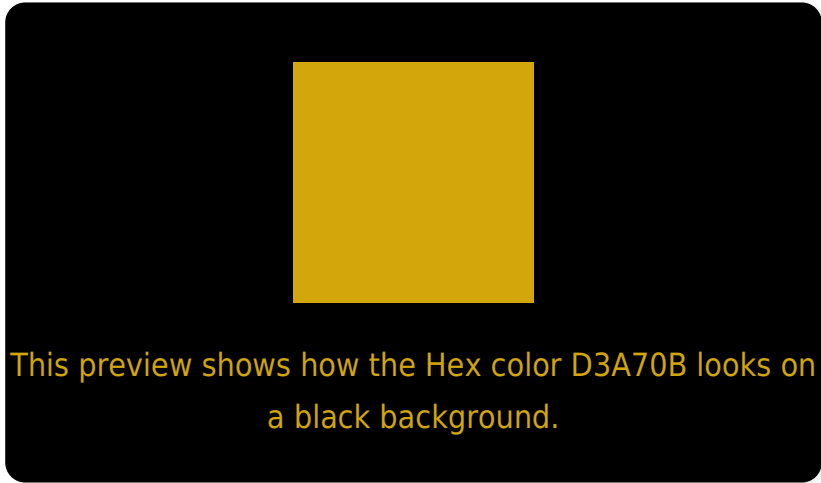
Large Text (above 18pt) WCAG AA × Fail

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 D3A70B Background



This preview shows how black text looks on a background with the Hex color D3A70B.



This preview shows how white text looks on a background with the Hex color D3A70B.

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
D3A70B

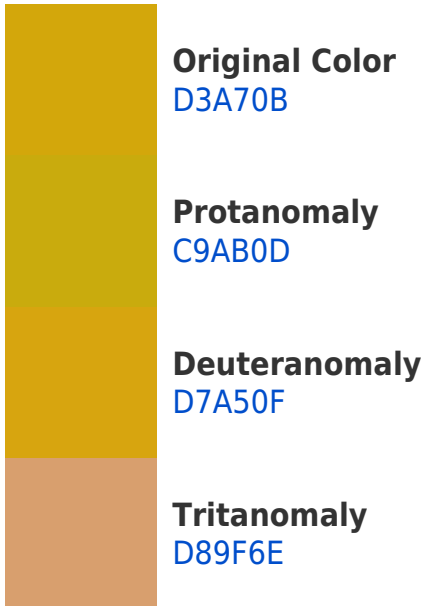
Protanopia
C3AD0E

Deuteranopia
DAA411

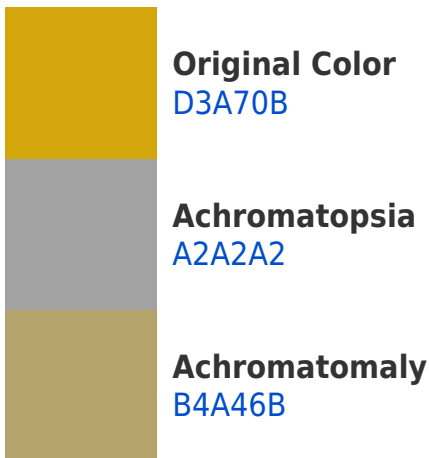


Tritanopia
DB9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3A70B 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 #D3A70B looks like.

```
.text, #text, p{  
    color:#D3A70B  
}
```

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 #D3A70B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3A70B
}
```

Border

The CSS property to change the border of an element to Hex D3A70B 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
#D3A70B }
```

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

```
.border{ border-color:#D3A70B }
```

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

Here you see how a box with a 4 pixel #D3A70B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3A70B; -webkit-box-shadow:4px 4px  
4px 4px #D3A70B; box-shadow:4px 4px 4px  
4px #D3A70B }
```

Background

The CSS property to change the background color of an element to Hex D3A70B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3A70B }
```

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

```
.background{ background-color:#D3A70B }
```

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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