

# Converting Colors

Hex(D0B43A)

Have a look what the booklet for  
Hex(D0B43A) contains.

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**Color**

**Hex(D0B43A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0B43A
RGB	208, 180, 58
RGB Percent	82%, 71%, 23%
CMY	0.1843, 0.2941, 0.7725
CMYK	0.00, 0.13, 0.72, 0.18
HSL	49°, 61%, 52%
HSV	49°, 72%, 82%
XYZ	43.0974, 46.3579, 10.6795
YIQ	174.4640, 55.8500, -32.0060

# Conversions

## Conversions Part 2

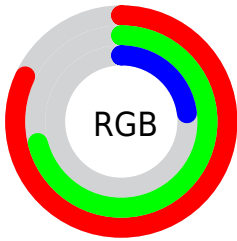
Format	Color
R <sub>Y</sub> B	92, 208, 58
Decimal	13677626
CIE Lab	73.78, -2.84, 62.55
CIE LCh	74, 62.618, 92.603
Yxy	46.3579, 0.4304, 0.4630
Android (android.graphics.Color)	4291867706 (0xFFD0B43A)
YUV	174.4640, -57.4168, 29.4111
Hunter-Lab	68.0866, -6.1649, 38.3609

# Details

The Hex color **D0B43A** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **3A56D0**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFEC71**, and **968000** is the 20% darker color. If you saturate the color by 10%, you get **D0B025**, and if you desaturate by 10%, it is **D0B84F**.

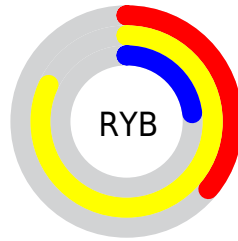
# Distribution



Red (82%)

Green (71%)

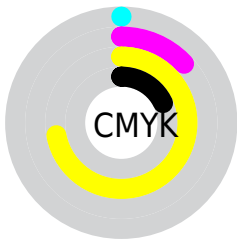
Blue (23%)



Red (36%)

Yellow (82%)

Blue (23%)

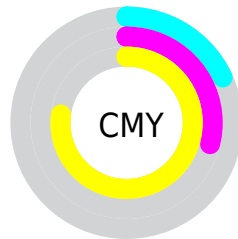


Cyan (0%)

Magenta (13%)

Yellow (72%)

Black (18%)



Cyan (18%)

Magenta (29%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0B43A 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 D0B43A by changing the saturation by 10% instead.



 D0B43A

 D0B43A

FFFFFF

 B3991B

 FFEC71

 968000

 FFFF8C

 796700

 FFFFA8

 5E4F00

 FFFFC4

 433900

 FFFFE1

 2A2300

FFFFFFE

 0D0F00

 000000

 D0B43A

 D0B43A

 D0B025

 D0B84F

 D0AC10

 D0BC64

 D0A900

 D0C078

 D0C48D

 D0C7A2

 D0CBB7

 D0CFCC

 D0D3E0

 D0D7F5

# Harmonies

## Analogous

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



FE9F4E



D0B43A



95C44E

# Triad

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



D0B43A



00D0F2



FF8DEB

# Complementary

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



D0B43A



3A56D0

# 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.



BEA4FF



D0B43A



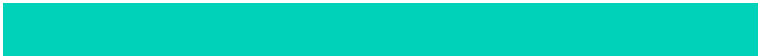
00C9FF

# Square

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



D0B43A



00D1B9



3FB4FF



FF81B3

# Rectangle

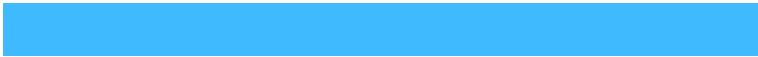
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0B43A



63CB6C



3FBAFF



EE94FC



# Sweetspot

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



D0B43A



FFF5C7



D03A58



80795E



000000



808080



# Same Dimension

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



D0B43A



FFD621



A3D03A



69675E



A88900



292100



# Inverse Universe

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



3A56D0



214BFF



673AD0



5E6069



001FA8



000829



# Previews

## White Background



This preview shows how the Hex color D0B43A looks on a white background.

## Color Contrast Check

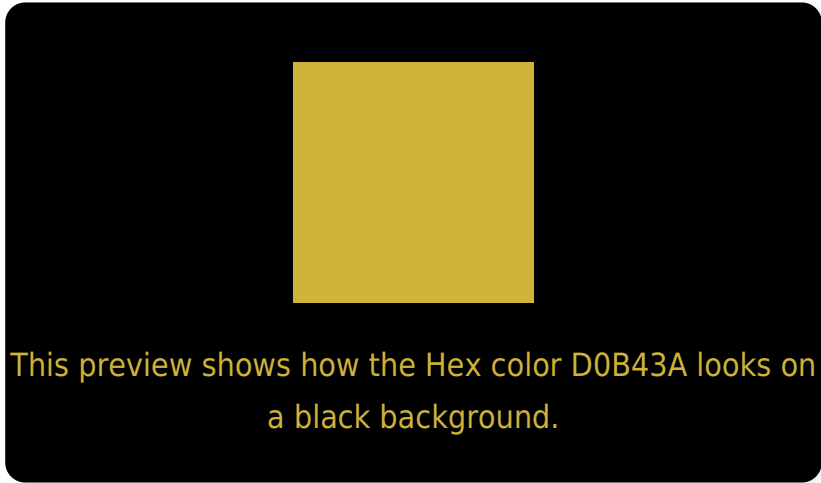
Large Text (above 18pt) WCAG AA × Fail

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 D0B43A Background



This preview shows how black text looks on a background with the Hex color D0B43A.

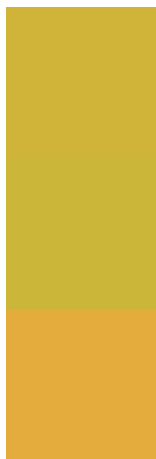


This preview shows how white text looks on a background with the Hex color D0B43A.

# 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**  
D0B43A

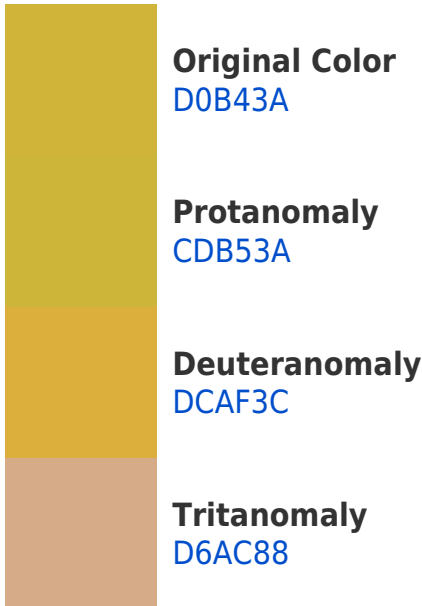
**Protanopia**  
CBB63A

**Deuteranopia**  
E3AC3D

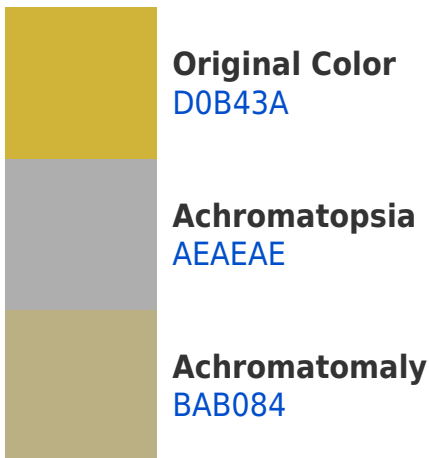


**Tritanopia**  
D9A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0B43A 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 #D0B43A looks like.

```
.text, #text, p{  
    color:#D0B43A  
}
```

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 #D0B43A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0B43A
}
```

## Border

The CSS property to change the border of an element to Hex D0B43A 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
#D0B43A }
```

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

```
.border{ border-color:#D0B43A }
```

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

Here you see how a box with a 4 pixel #D0B43A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0B43A; -webkit-box-shadow:4px 4px  
4px 4px #D0B43A; box-shadow:4px 4px 4px  
4px #D0B43A }
```

# Background

The CSS property to change the background color of an element to Hex D0B43A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0B43A }
```

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

```
.background{ background-color:#D0B43A }
```

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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