

Converting Colors

Hex(D0B53E)

Have a look what the booklet for
Hex(D0B53E) contains.

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Color

Hex(D0B53E)

Conversions

Conversions Part 1

Format	Color
Hex	D0B53E
RGB	208, 181, 62
RGB Percent	82%, 71%, 24%
CMY	0.1843, 0.2902, 0.7569
CMYK	0.00, 0.13, 0.70, 0.18
HSL	49°, 61%, 53%
HSV	49°, 70%, 82%
XYZ	43.4058, 46.8054, 11.3041
YIQ	175.5070, 54.2910, -31.2850

Conversions

Conversions Part 2

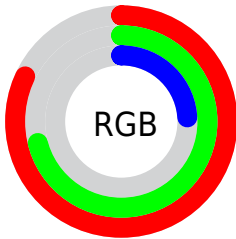
Format	Color
RYB	95, 208, 62
Decimal	13677886
CIELab	74.07, -3.17, 61.29
CIELCh	74, 61.368, 92.962
Yxy	46.8054, 0.4276, 0.4611
Android (android.graphics.Color)	4291867966 (0xFFD0B53E)
YUV	175.5070, -55.9590, 28.4964
Hunter-Lab	68.4145, -6.4755, 38.0937

Details

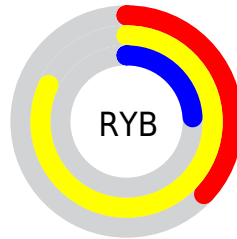
The Hex color **D0B53E** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **3E59D0**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFED74**, and **968100** is the 20% darker color. If you saturate the color by 10%, you get **D0B129**, and if you desaturate by 10%, it is **D0B953**.

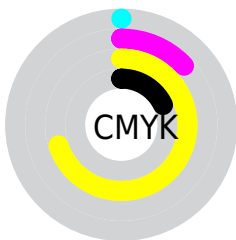
Distribution



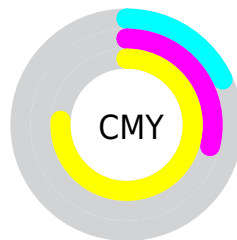
- Red (82%)
- Green (71%)
- Blue (24%)



- Red (37%)
- Yellow (82%)
- Blue (24%)



- Cyan (0%)
- Magenta (13%)
- Yellow (70%)
- Black (18%)



- Cyan (18%)
- Magenta (29%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0B53E 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 D0B53E by changing the saturation by 10% instead.

 D0B53E

 D0B53E

FFFFFF

 B39A21

 FFED74

 968100

 FFFF8F

 7A6800

 FFFFAB

 5F5000

 FFFFC8

 433900

 FFFFE4

 2A2400

 0E1000

 000000

 D0B53E

 D0B53E

 D0B129

 D0B953

 D0AD14

 D0BD68

 D0AA00

 D0C17C

 D0C491

 D0C8A6

 D0CCBB

 D0D0D0

 D0D4E4

 D0D8F9

Harmonies

Analogous

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



FEA051



D0B53E



96C552

Triad

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



D0B53E



00D1F2



FF8FEA

Complementary

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



D0B53E



3E59D0

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.



C0A5FF



D0B53E



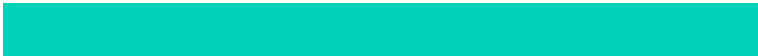
00C9FF

Square

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



D0B53E



00D2BA



4ABAFF



FF83B3

Rectangle

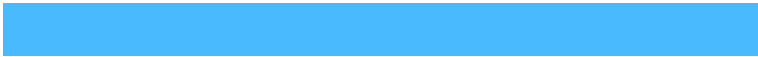
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0B53E



65CB6F



4ABAFF



EE95FB

Sweetspot

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



D0B53E



FFF5C9



D03E5B



807A60



000000



808080

Same Dimension

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



D0B53E



FFD729



A4D03E



69675E



A88900



292100

Inverse Universe

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



3E59D0



2950FF



6A3ED0



5E6069



001FA8



000829

Previews

White Background



This preview shows how the Hex color D0B53E looks on a white background.

Color Contrast Check

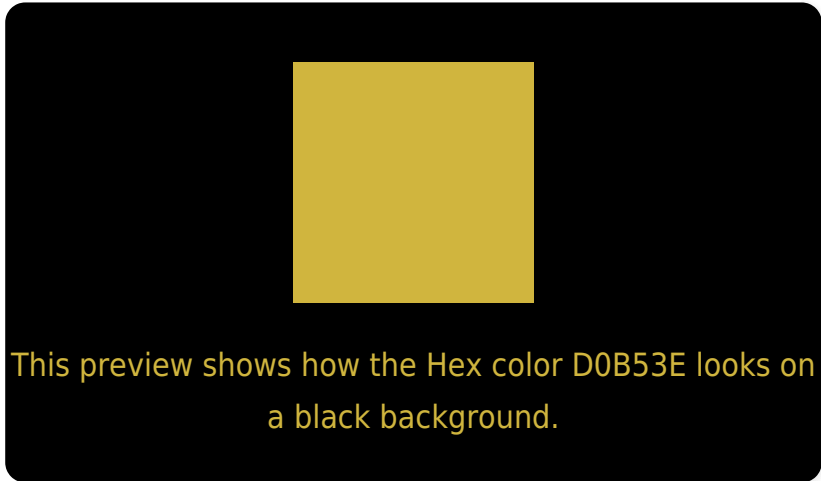
Large Text (above 18pt) WCAG AA × Fail

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 D0B53E Background



This preview shows how black text looks on a background with the Hex color D0B53E.

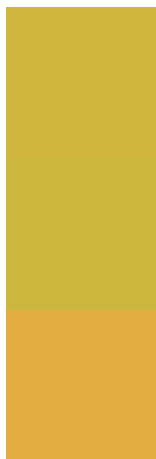


This preview shows how white text looks on a background with the Hex color D0B53E.

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
D0B53E

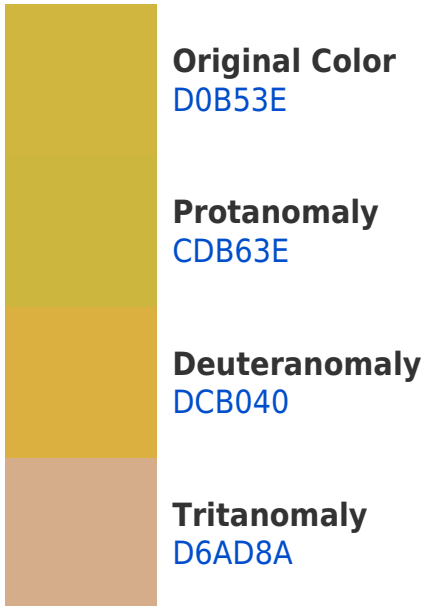
Protanopia
CCB73E

Deuteranopia
E3AD41

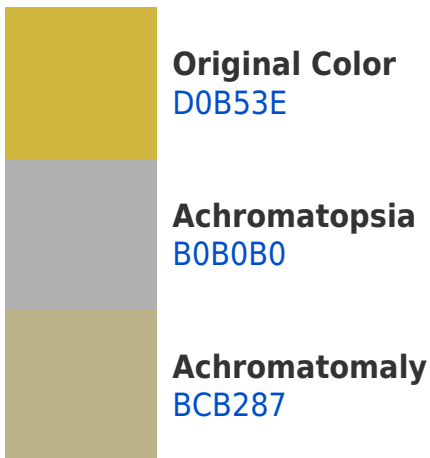


Tritanopia
D9A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0B53E 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 #D0B53E looks like.

```
.text, #text, p{  
    color:#D0B53E  
}
```

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 #D0B53E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0B53E
}
```

Border

The CSS property to change the border of an element to Hex D0B53E 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
#D0B53E }
```

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

```
.border{ border-color:#D0B53E }
```

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

Here you see how a box with a 4 pixel #D0B53E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0B53E; -webkit-box-shadow:4px 4px  
4px 4px #D0B53E; box-shadow:4px 4px 4px  
4px #D0B53E }
```

Background

The CSS property to change the background color of an element to Hex D0B53E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0B53E }
```

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

```
.background{ background-color:#D0B53E }
```

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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