

Converting Colors

Hex(D0BE55)

Have a look what the booklet for
Hex(D0BE55) contains.

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Color

Hex(D0BE55)

Conversions

Conversions Part 1

Format	Color
Hex	D0BE55
RGB	208, 190, 85
RGB Percent	82%, 75%, 33%
CMY	0.1843, 0.2549, 0.6667
CMYK	0.00, 0.09, 0.59, 0.18
HSL	51°, 57%, 57%
HSV	51°, 59%, 82%
XYZ	46.0656, 50.8927, 15.9897
YIQ	183.4120, 44.4330, -28.8390

Conversions

Conversions Part 2

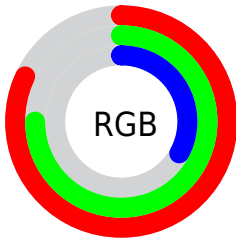
Format	Color
RYB	106, 208, 85
Decimal	13680213
CIELab	76.61, -6.45, 54.16
CIELCh	77, 54.545, 96.789
Yxy	50.8927, 0.4078, 0.4506
Android (android.graphics.Color)	4291870293 (0xFFD0BE55)
YUV	183.4120, -48.5171, 21.5637
Hunter-Lab	71.3391, -9.5812, 36.6483

Details

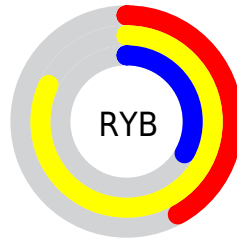
The Hex color **D0BE55** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5567D0**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF68A**, and **97891F** is the 20% darker color. If you saturate the color by 10%, you get **D0BB40**, and if you desaturate by 10%, it is **D0C16A**.

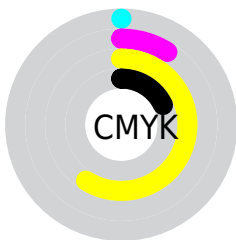
Distribution



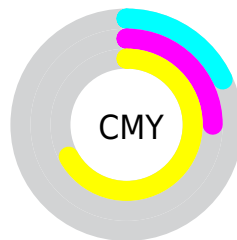
- Red (82%)
- Green (75%)
- Blue (33%)



- Red (42%)
- Yellow (82%)
- Blue (33%)



- Cyan (0%)
- Magenta (9%)
- Yellow (59%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0BE55 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 D0BE55 by changing the saturation by 10% instead.

 D0BE55

 D0BE55

FFFFFF

 B3A33B

 FFF68A

 97891F

 FFFFA5

 7B7000

 FFFFC1

 605800

 FFFFDE

 464000

 FFFFFB

 2C2B00

 121700

 000000

 D0BE55

 D0BE55

 D0BB40

 D0C16A

 D0B82B

 D0C47F

 D0B517

 D0C793

 D0B202

 D0CAA8

 D0B200

 D0CDBD

 D0D0D2

 D0D3E7

 D0D6FB

 D0D9FF

Harmonies

Analogous

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



FBAC60



D0BE55



9ACC69

Triad

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



D0BE55



00D5F8



FF99E6

Complementary

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



D0BE55



5567D0

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.



D0ABFF



D0BE55



00CDFF

Square

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



D0BE55



00D7C7



7BBFFF



FF92B3

Rectangle

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



D0BE55



6FD284



7BBFFF



F69FF5

Sweetspot

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



D0BE55



FFF8D1



D05567



807B63



000000



808080

Same Dimension

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



D0BE55



FFE54A



A5D055



69675E



A89000



292300

Inverse Universe

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



5567D0



4A64FF



8055D0



5E6069



0019A8



000629

Previews

White Background



This preview shows how the Hex color D0BE55 looks on a white background.

Color Contrast Check

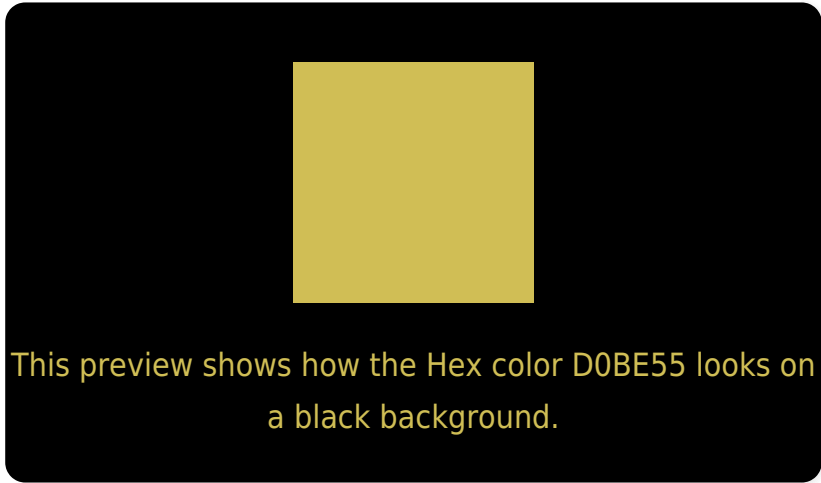
Large Text (above 18pt) WCAG AA × Fail

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 D0BE55 Background



This preview shows how black text looks on a background with the Hex color D0BE55.

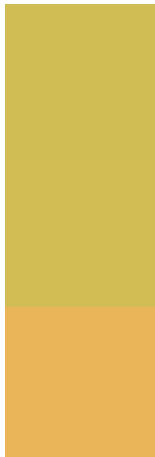


This preview shows how white text looks on a background with the Hex color D0BE55.

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
D0BE55

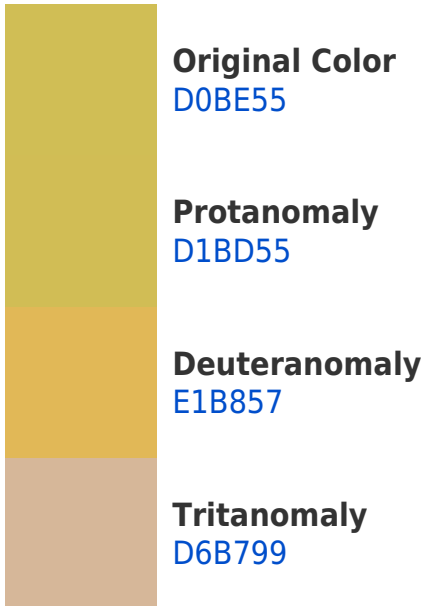
Protanopia
D2BD55

Deuteranopia
EAB458



Tritanopia
DAB3C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0BE55 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 #D0BE55 looks like.

```
.text, #text, p{  
    color:#D0BE55  
}
```

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 #D0BE55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0BE55  
}
```

Border

The CSS property to change the border of an element to Hex D0BE55 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  
#D0BE55 }
```

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

```
.border{ border-color:#D0BE55 }
```

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

Here you see how a box with a 4 pixel #D0BE55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0BE55; -webkit-box-shadow:4px 4px  
4px 4px #D0BE55; box-shadow:4px 4px 4px  
4px #D0BE55 }
```

Background

The CSS property to change the background color of an element to Hex D0BE55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0BE55 }
```

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

```
.background{ background-color:#D0BE55 }
```

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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