

Converting Colors

Hex(D0B75E)

Have a look what the booklet for
Hex(D0B75E) contains.

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Color

Hex(D0B75E)

Conversions

Conversions Part 1

Format	Color
Hex	D0B75E
RGB	208, 183, 94
RGB Percent	82%, 72%, 37%
CMY	0.1843, 0.2824, 0.6314
CMYK	0.00, 0.12, 0.55, 0.18
HSL	47°, 55%, 59%
HSV	47°, 55%, 82%
XYZ	44.9663, 48.0850, 17.5010
YIQ	180.3290, 43.4690, -22.3790

Conversions

Conversions Part 2

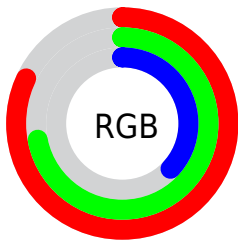
Format	Color
RYB	126, 208, 94
Decimal	13678430
CIELab	74.88, -2.12, 47.94
CIELCh	75, 47.992, 92.529
Yxy	48.0850, 0.4067, 0.4350
Android (android.graphics.Color)	4291868510 (0xFFD0B75E)
YUV	180.3290, -42.5602, 24.2675
Hunter-Lab	69.3434, -5.6011, 33.5766

Details

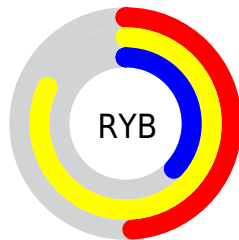
The Hex color **D0B75E** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5E77D0**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFEF93**, and **97822B** is the 20% darker color. If you saturate the color by 10%, you get **D0B249**, and if you desaturate by 10%, it is **D0BC73**.

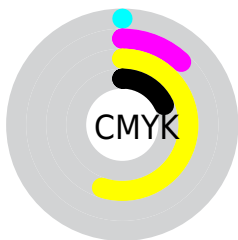
Distribution



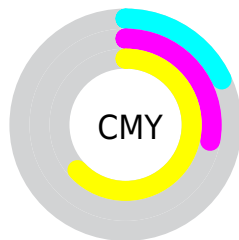
- Red (82%)
- Green (72%)
- Blue (37%)



- Red (49%)
- Yellow (82%)
- Blue (37%)



- Cyan (0%)
- Magenta (12%)
- Yellow (55%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0B75E 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 D0B75E by changing the saturation by 10% instead.

 D0B75E

 D0B75E

FFFFFF

 B39C45


 FFEF93

 97822B

 FFFFAE

 7B690F

 FFFFCA

 615100

 FFFFEE

 473B00

 2D2500

 131100

 000000

 D0B75E

 D0B75E

 D0B249

 D0BC73

 D0AE34

 D0C088

 D0A920

 D0C59C

 D0A50B

 D0C9B1

 D0A200

 D0CEC6

 D0D2DB

 D0D7F0

 D0DBFF

 D0E0FF

Harmonies

Analogous

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



F4A76B



D0B75E



A2C46C

Triad

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



D0B75E



00CEE6



F29CE2

Complementary

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



D0B75E



5E77D0

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.



C1ABFF



D0B75E



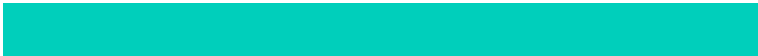
00C8FF

Square

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



D0B75E



00CFBB



77BCFF



FF94B6

Rectangle

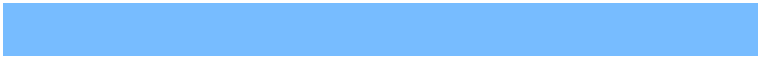
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0B75E



7ECA81



77BCFF



E5A0EF

Sweetspot

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



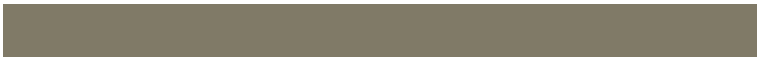
D0B75E



FFF6D6



D05E79



807A67



000000



808080

Same Dimension

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



D0B75E



FFDA57



B2D05E



69665E



A88300



292000

Inverse Universe

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



5E77D0



577CFF



7C5ED0



5E6069



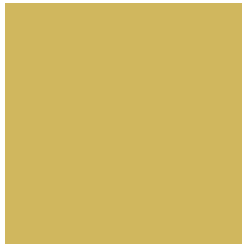
0025A8



000929

Previews

White Background



This preview shows how the Hex color D0B75E looks on a white background.

Color Contrast Check

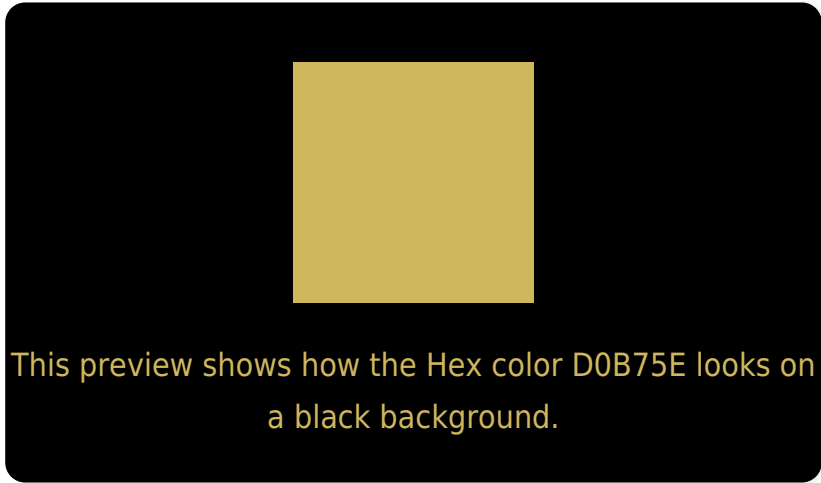
Large Text (above 18pt) WCAG AA × Fail

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 D0B75E Background



This preview shows how black text looks on a background with the Hex color D0B75E.

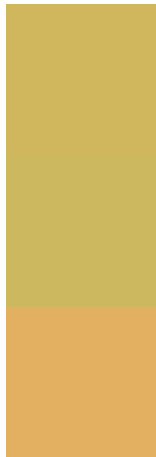


This preview shows how white text looks on a background with the Hex color D0B75E.

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
D0B75E

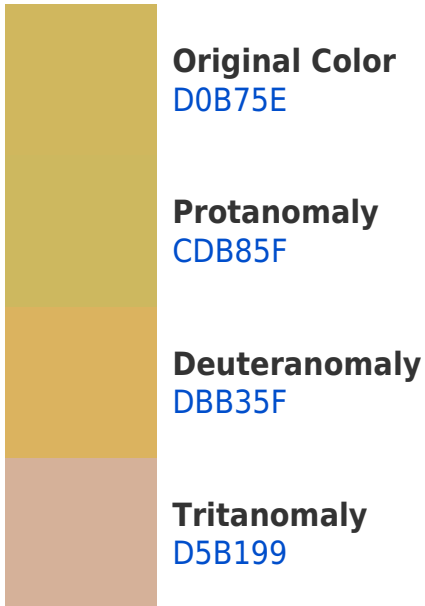
Protanopia
CCB95F

Deuteranopia
E2B060

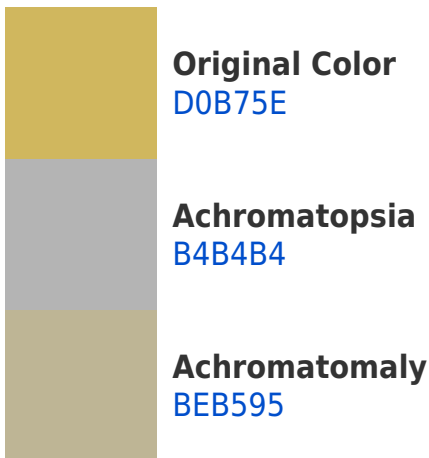


Tritanopia
D8ADBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0B75E 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 #D0B75E looks like.

```
.text, #text, p{  
    color:#D0B75E  
}
```

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 #D0B75E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0B75E
}
```

Border

The CSS property to change the border of an element to Hex D0B75E 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
#D0B75E }
```

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

```
.border{ border-color:#D0B75E }
```

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

Here you see how a box with a 4 pixel #D0B75E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0B75E; -webkit-box-shadow:4px 4px  
4px 4px #D0B75E; box-shadow:4px 4px 4px  
4px #D0B75E }
```

Background

The CSS property to change the background color of an element to Hex D0B75E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0B75E }
```

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

```
.background{ background-color:#D0B75E }
```

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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