

# Converting Colors

Hex(D3B46F)

Have a look what the booklet for  
Hex(D3B46F) contains.

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# **Color**

**Hex(D3B46F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3B46F
RGB	211, 180, 111
RGB Percent	83%, 71%, 44%
CMY	0.1725, 0.2941, 0.5647
CMYK	0.00, 0.15, 0.47, 0.17
HSL	41°, 53%, 63%
HSV	41°, 47%, 83%
XYZ	46.0545, 47.6391, 21.8069
YIQ	181.4030, 40.6250, -14.8870

# Conversions

## Conversions Part 2

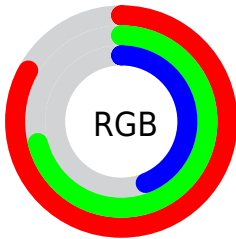
Format	Color
<b>RYB</b>	156, 211, 111
Decimal	13874287
CIELab	74.60, 2.22, 39.19
CIELCh	75, 39.249, 86.765
Yxy	47.6391, 0.3987, 0.4125
Android (android.graphics.Color)	4292064367 (0xFFD3B46F)
YUV	181.4030, -34.7087, 25.9566
Hunter-Lab	69.0211, -1.6824, 29.5824

# Details

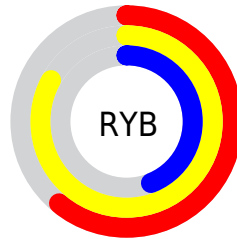
The Hex color **D3B46F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6F8ED3**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFECA4**, and **9A7F3D** is the 20% darker color. If you saturate the color by 10%, you get **D3AD5A**, and if you desaturate by 10%, it is **D3BB84**.

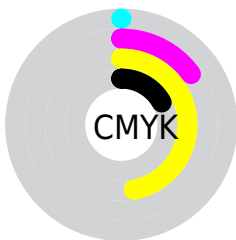
# Distribution



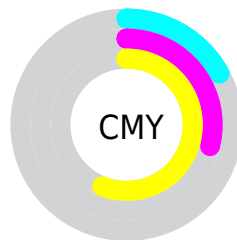
- Red (83%)
- Green (71%)
- Blue (44%)



- Red (61%)
- Yellow (83%)
- Blue (44%)



- Cyan (0%)
- Magenta (15%)
- Yellow (47%)
- Black (17%)



- Cyan (17%)
- Magenta (29%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3B46F 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 D3B46F by changing the saturation by 10% instead.



 D3B46F

 D3B46F

FFFFFF

 B69956

 FFECA4

 9A7F3D

 FFFFFB

 7F6725

 FFFFDB

 644F0C

 FFFFF8

 4B3800

 312300

 190E00

 000000

 D3B46F

 D3B46F

 D3AD5A

 D3BB84

 D3A745

 D3C199

 D3A030

 D3C8AE

 D39A1B

 D3CEC3

 D39306

 D3D5D9

 D39200

 D3DBEE

 D3E2FF

 D3E8FF

 D3EFFF

# Harmonies

## Analogous

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



EFA77C



D3B46F



AEBF76

# Triad

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



D3B46F



24CAD7



E1A3E0

# Complementary

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



D3B46F



6F8ED3

# 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.



B6B0F8



D3B46F



3DC6F3

# Square

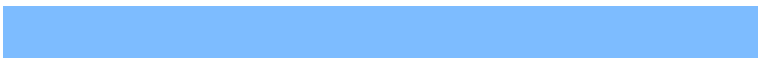
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3B46F



54CBB2



7DBCFF



FA9CBD

# Rectangle

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



D3B46F



92C585



7DBCFF



D5A7E9



# Sweetspot

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



D3B46F



FFF4DB



D36F8F



80796A



000000



808080



# Same Dimension

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



D3B46F



FFD26E



C1D36F



69655E



A87400



291C00



# Inverse Universe

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



6F8ED3



6E9BFF



816FD3



5E6169



0034A8

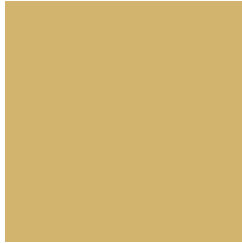


000D29



# Previews

## White Background



This preview shows how the Hex color D3B46F looks on a white background.

## Color Contrast Check

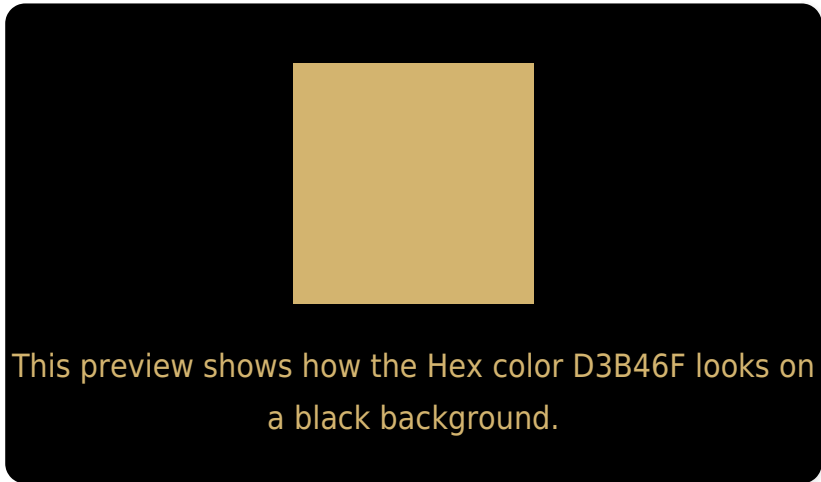
Large Text (above 18pt) WCAG AA × Fail

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

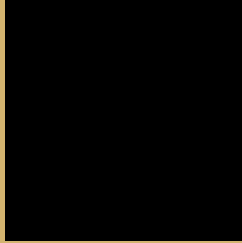
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D3B46F Background



This preview shows how black text looks on a background with the Hex color D3B46F.

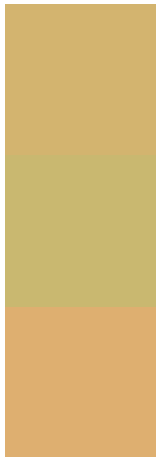


This preview shows how white text looks on a background with the Hex color D3B46F.

# 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



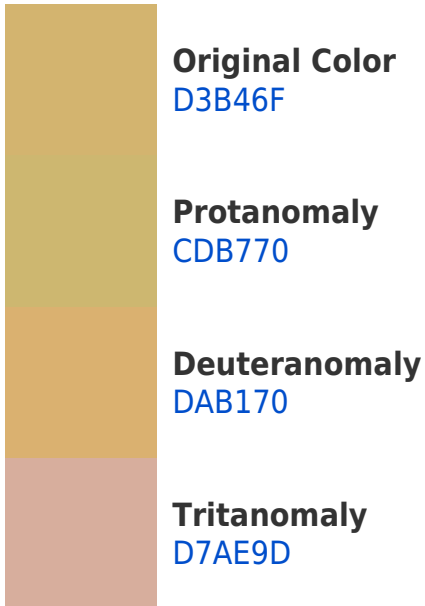
**Original Color**  
D3B46F

**Protanopia**  
C9B870

**Deuteranopia**  
DEAF70



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3B46F 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 #D3B46F looks like.

```
.text, #text, p{  
    color:#D3B46F  
}
```

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 #D3B46F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3B46F
}
```

## Border

The CSS property to change the border of an element to Hex D3B46F 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
#D3B46F }
```

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

```
.border{ border-color:#D3B46F }
```

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

Here you see how a box with a 4 pixel #D3B46F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3B46F; -webkit-box-shadow:4px 4px  
4px 4px #D3B46F; box-shadow:4px 4px 4px  
4px #D3B46F }
```

# Background

The CSS property to change the background color of an element to Hex D3B46F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3B46F }
```

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

```
.background{ background-color:#D3B46F }
```

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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