

# Converting Colors

Hex(DFB06E)

Have a look what the booklet for  
Hex(DFB06E) contains.

<b>Hex(DFB06E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DFB06E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFB06E
RGB	223, 176, 110
RGB Percent	87%, 69%, 43%
CMY	0.1255, 0.3098, 0.5686
CMYK	0.00, 0.21, 0.51, 0.13
HSL	35°, 64%, 65%
HSV	35°, 51%, 87%
XYZ	48.7712, 47.8644, 21.4201
YIQ	182.5290, 49.1980, -10.5620

# Conversions

## Conversions Part 2

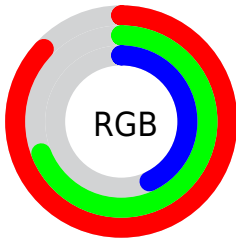
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 223, 110
Decimal	14659694
CIELab	74.74, 9.18, 40.13
CIELCh	75, 41.164, 77.120
Yxy	47.8644, 0.4131, 0.4054
Android (android.graphics.Color)	4292849774 (0xFFDFB06E)
YUV	182.5290, -35.7568, 35.4931
Hunter-Lab	69.1841, 4.7611, 30.0721

# Details

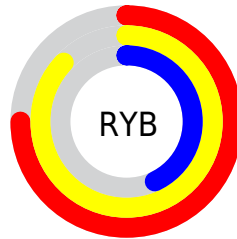
The Hex color **DFB06E** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6E9DDF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFE8A3**, and **A57C3C** is the 20% darker color. If you saturate the color by 10%, you get **DFA758**, and if you desaturate by 10%, it is **DFB984**.

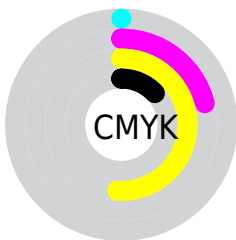
# Distribution



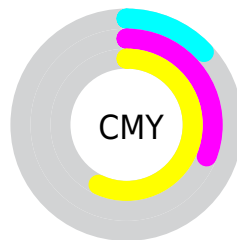
- Red (87%)
- Green (69%)
- Blue (43%)



- Red (75%)
- Yellow (87%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (51%)
- Black (13%)



- Cyan (13%)
- Magenta (31%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFB06E 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 DFB06E by changing the saturation by 10% instead.



 DFB06E

 DFB06E

FFFFFF

 C29555

 FFE8A3

 A57C3C

 FFFFBE

 896324

 FFFFDA

 6E4B0B

 FFFFF7

 543400

 391F00

 210900

 000000

 DFB06E

 DFB06E

 DFA758

 DFB984

 DF9D41

 DFC39B

 DF942B

 DFCCB1

 DF8B15

 DFD5C7

 DF8200

 DFDEDE

 DFE8F4

 DFF1FF

 DFFAFF

 DFFFFFF

# Harmonies

## Analogous

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



F8A382



DFB06E



BBBC6E

# Triad

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



DFB06E



1CCCCD



D7A6EC

# Complementary

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



DFB06E



6E9DDF

# 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.



A4B4FF



DFB06E



0AC9EE

# Square

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



DFB06E



5ECBA6



62C1FF



F79CCA

# Rectangle

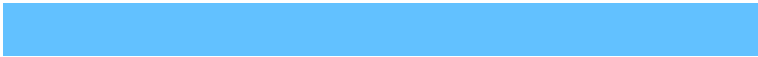
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFB06E



9FC37A



62C1FF



C8ABF4

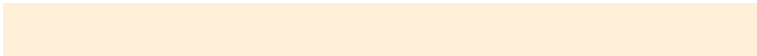


# Sweetspot

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



DFB06E



FFEFD9



DF6E9D



807669



000000



808080



# Same Dimension

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



DFB06E



FFBE63



D6DF6E



706C65



B06700



301C00

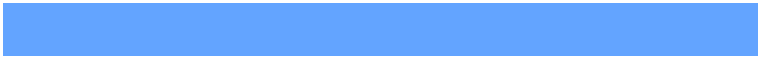


# Inverse Universe

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



6E9DDF



63A4FF



776EDF



656A70



0049B0

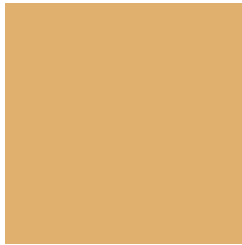


001430



# Previews

## White Background



This preview shows how the Hex color DFB06E looks on a white background.

## Color Contrast Check

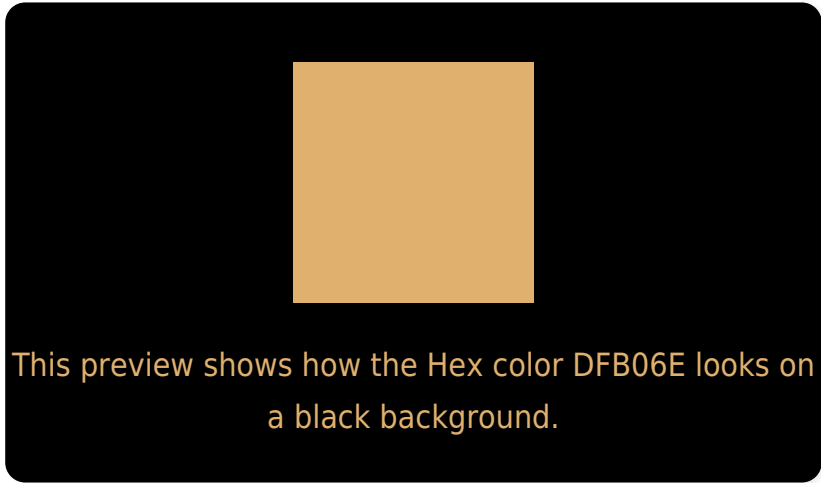
Large Text (above 18pt) WCAG AA × Fail

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

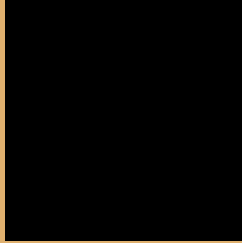
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DFB06E Background



This preview shows how black text looks on a background with the Hex color DFB06E.



This preview shows how white text looks on a background with the Hex color DFB06E.

# 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](#).

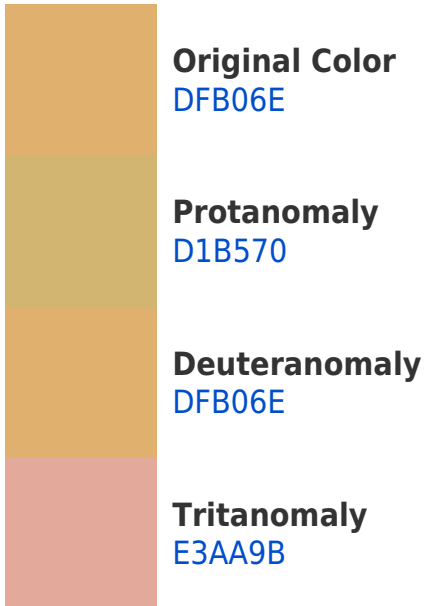
## Dichromacy





**Tritanopia**  
E5A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFB06E 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 #DFB06E looks like.

```
.text, #text, p{  
    color:#DFB06E  
}
```

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 #DFB06E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFB06E
}
```

## Border

The CSS property to change the border of an element to Hex DFB06E 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
#DFB06E }
```

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

```
.border{ border-color:#DFB06E }
```

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

Here you see how a box with a 4 pixel #DFB06E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFB06E; -webkit-box-shadow:4px 4px  
4px 4px #DFB06E; box-shadow:4px 4px 4px  
4px #DFB06E }
```

# Background

The CSS property to change the background color of an element to Hex DFB06E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFB06E }
```

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

```
.background{ background-color:#DFB06E }
```

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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