

# Converting Colors

Hex(DFC877)

Have a look what the booklet for  
Hex(DFC877) contains.

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# **Color**

**Hex(DFC877)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFC877
RGB	223, 200, 119
RGB Percent	87%, 78%, 47%
CMY	0.1255, 0.2157, 0.5333
CMYK	0.00, 0.10, 0.47, 0.13
HSL	47°, 62%, 67%
HSV	47°, 47%, 87%
XYZ	54.4155, 58.3284, 25.8433
YIQ	197.6430, 39.7090, -20.3150

# Conversions

## Conversions Part 2

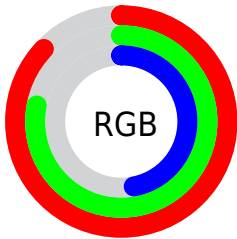
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 223, 119
Decimal	14665847
CIELab	80.92, -2.59, 43.28
CIElCh	81, 43.353, 93.422
Yxy	58.3284, 0.3926, 0.4209
Android (android.graphics.Color)	4292855927 (0xFFDFC877)
YUV	197.6430, -38.7710, 22.2381
Hunter-Lab	76.3731, -6.4724, 33.3985

# Details

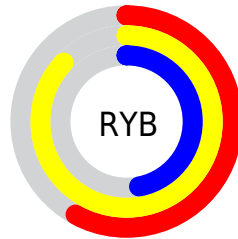
The Hex color **DFC877** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **778EDF**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFAD**, and **A69244** is the 20% darker color. If you saturate the color by 10%, you get **DFC361**, and if you desaturate by 10%, it is **DFCD8D**.

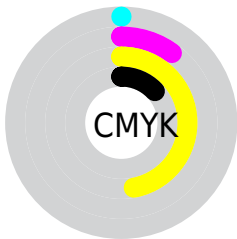
# Distribution



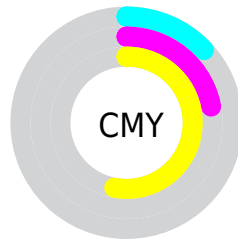
- Red (87%)
- Green (78%)
- Blue (47%)



- Red (58%)
- Yellow (87%)
- Blue (47%)



- Cyan (0%)
- Magenta (10%)
- Yellow (47%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFC877 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 DFC877 by changing the saturation by 10% instead.



 DFC877

 DFC877

FFFFFF

 C2AD5D

 FFFFAD

 A69244

 FFFFC8

 8A792B

 FFFF E5

 6F6011

 554900

 3C3200

 231E00

 000500

 000000

 DFC877

 DFC877

 DFC361

 DFCD8D

 DFBE4A

 DFD2A4

 DFB934

 DFD7BA

 DFB41E

 DFDCD0

 DFAF07

 DFE1E7

 DFAE00

 DFE6FD

 DFEBFF

 DFEFFF

 DFF4FF

# Harmonies

## Analogous

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



FFBA81



DFC877



B4D484

# Triad

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



DFC877



00DDF4



FFAFEE

# Complementary

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



DFC877



778EDF

# 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.



D4BDFE



DFC877



4AD7FF

# Square

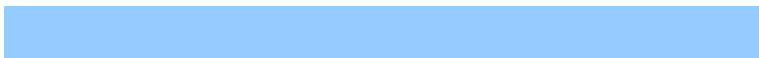
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DFC877



49DFCC



95CBFF



FFA9C6

# Rectangle

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



DFC877



94D997



95CBFF



F3B3FA



# Sweetspot

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



DFC877



FFF7DB



DF778F



807B6A



000000



808080



# Same Dimension

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



DFC877



FFDF70



C3DF77



706E65



B08900



302600



# Inverse Universe

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



778EDF



7090FF



9377DF



656770



0027B0

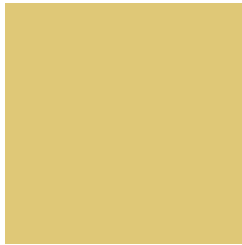


000B30



# Previews

## White Background



This preview shows how the Hex color DFC877 looks on a white background.

## Color Contrast Check

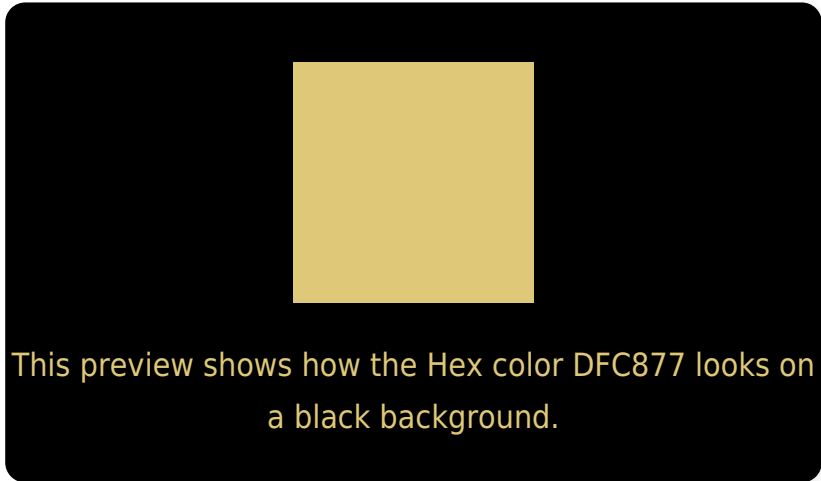
Large Text (above 18pt) WCAG AA × Fail

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 DFC877 Background



This preview shows how black text looks on a background with the Hex color DFC877.

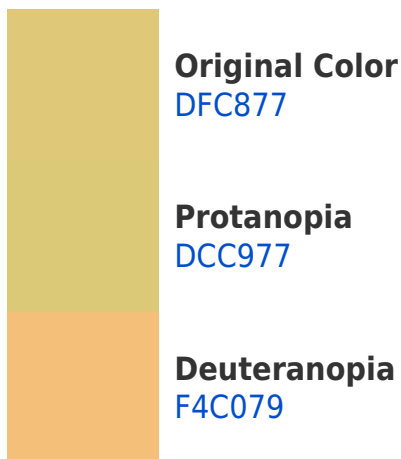


This preview shows how white text looks on a background with the Hex color DFC877.

# 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](#).

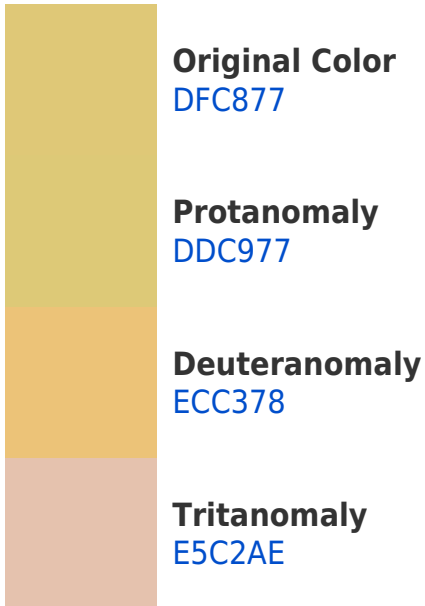
## Dichromacy



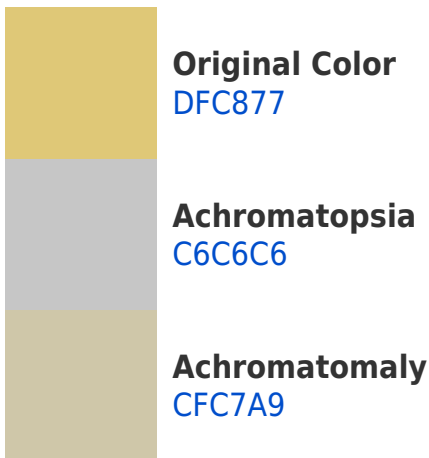


**Tritanopia**  
E8BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFC877 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 #DFC877 looks like.

```
.text, #text, p{  
    color:#DFC877  
}
```

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 #DFC877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFC877
}
```

## Border

The CSS property to change the border of an element to Hex DFC877 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
#DFC877 }
```

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

```
.border{ border-color:#DFC877 }
```

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

Here you see how a box with a 4 pixel #DFC877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFC877; -webkit-box-shadow:4px 4px  
4px 4px #DFC877; box-shadow:4px 4px 4px  
4px #DFC877 }
```

# Background

The CSS property to change the background color of an element to Hex DFC877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFC877 }
```

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

```
.background{ background-color:#DFC877 }
```

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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