

Converting Colors

Hex(DFC000)

Have a look what the booklet for
Hex(DFC000) contains.

Hex(DFC000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DFC000)

Conversions

Conversions Part 1

Format	Color
Hex	DFC000
RGB	223, 192, 0
RGB Percent	87%, 75%, 0%
CMY	0.1255, 0.2471, 1.0000
CMYK	0.00, 0.14, 1.00, 0.13
HSL	52°, 100%, 44%
HSV	52°, 100%, 87%
XYZ	49.2811, 53.3872, 7.7074
YIQ	179.3810, 80.1080, -53.1400

Conversions

Conversions Part 2

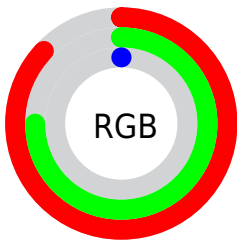
Format	Color
R_{YB}	36, 223, 0
Decimal	14663680
CIE _{Lab}	78.10, -3.93, 79.51
CIE _{LCh}	78, 79.611, 92.832
Yxy	53.3872, 0.4465, 0.4837
Android (android.graphics.Color)	4292853760 (0xFFDFC000)
YUV	179.3810, -88.4348, 38.2539
Hunter-Lab	73.0666, -7.4740, 44.8924

Details

The Hex color **DFC000** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed yellow. A complement of this color would be **001FDF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFF853**, and **A38B00** is the 20% darker color. If you saturate the color by 10%, you get **DFC000**, and if you desaturate by 10%, it is **DFC316**.

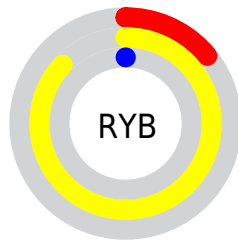
Distribution



Red (87%)

Green (75%)

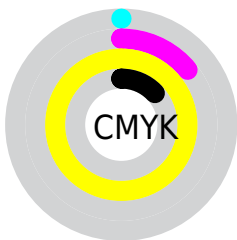
Blue (0%)



Red (14%)

Yellow (87%)

Blue (0%)

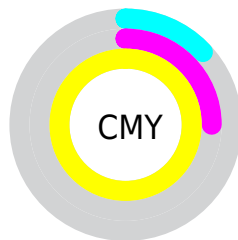


Cyan (0%)

Magenta (14%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFC000 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 DFC000 by changing the saturation by 10% instead.

 DFC000

 DFC000

FFFFFF

 C1A500

 FFF853

 A38B00

 FFFF70

 867200

 FFFF8D

 695A00

 FFFFAA

 4D4300

 FFFFC7

 332D00

 FFFF E5

 1B1900

 000000

 DFC000

 DFC316

 DFC62D

 DFC943

 DFCC59

 DFCF70

 DFD386

 DFD69C

 DFD9B2

 DFDCC9

Harmonies

Analogous

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



FFA437



DFC000



93D435

Triad

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



DFC000



00E2FF



FF89FF

Complementary

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



DFC000



001FDF

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.



CAAFF



DFC00



00DAFF

Square

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



DFC000



00E3C6



00C8FF



FF76BD

Rectangle

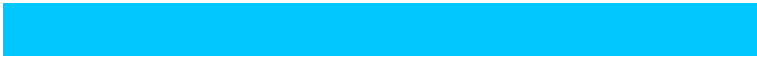
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFC000



48DC62



00C8FF



FF93FF

Sweetspot

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



DFC000



FFF4B3



DF0021



807952



000000



808080

Same Dimension

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



DFC000



FFDC00



91DF00



706F65



B09700



302A00

Inverse Universe

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



001FDF



0023FF



4E00DF



656770



0018B0



000730

Previews

White Background



This preview shows how the Hex color DFC000 looks on a white background.

Color Contrast Check

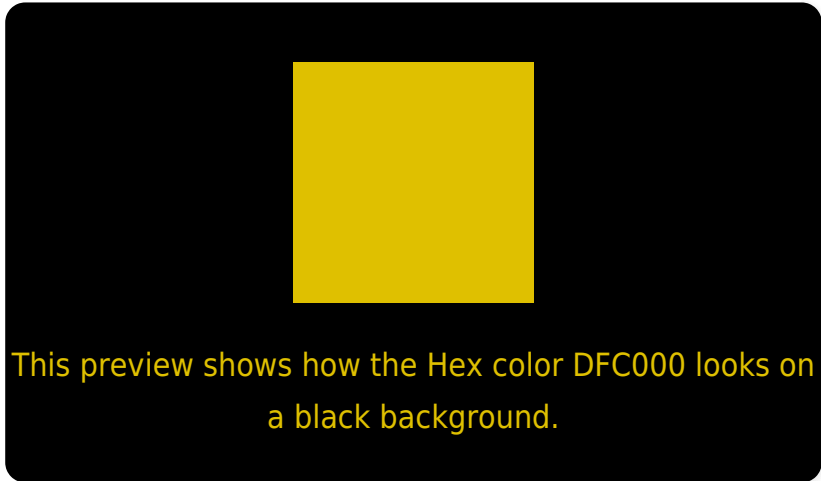
Large Text (above 18pt) WCAG AA × Fail

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 DFC000 Background



This preview shows how black text looks on a background with the Hex color DFC000.



This preview shows how white text looks on a background with the Hex color DFC000.

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
DFC000

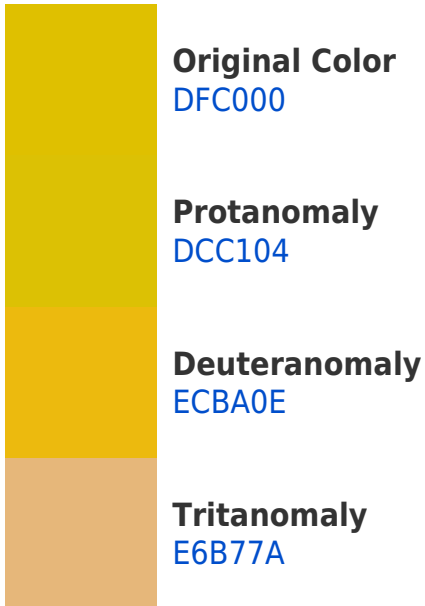
Protanopia
DAC206

Deuteranopia
F4B716



Tritanopia
EAB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFC000 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 #DFC000 looks like.

```
.text, #text, p{  
    color:#DFC000  
}
```

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 #DFC000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFC000
}
```

Border

The CSS property to change the border of an element to Hex DFC000 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
#DFC000 }
```

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

```
.border{ border-color:#DFC000 }
```

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

Here you see how a box with a 4 pixel #DFC000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFC000; -webkit-box-shadow:4px 4px  
4px 4px #DFC000; box-shadow:4px 4px 4px  
4px #DFC000 }
```

Background

The CSS property to change the background color of an element to Hex DFC000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFC000 }
```

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

```
.background{ background-color:#DFC000 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor