

Converting Colors

Hex(DFC200)

Have a look what the booklet for
Hex(DFC200) contains.

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Color

Hex(DFC200)

Conversions

Conversions Part 1

Format	Color
Hex	DFC200
RGB	223, 194, 0
RGB Percent	87%, 76%, 0%
CMY	0.1255, 0.2392, 1.0000
CMYK	0.00, 0.13, 1.00, 0.13
HSL	52°, 100%, 44%
HSV	52°, 100%, 87%
XYZ	49.7232, 54.2715, 7.8548
YIQ	180.5550, 79.5580, -54.1860

Conversions

Conversions Part 2

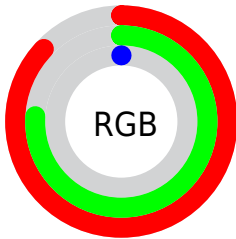
Format	Color
R _Y B	33, 223, 0
Decimal	14664192
CIE Lab	78.62, -4.96, 79.88
CIE LCh	79, 80.035, 93.555
Yxy	54.2715, 0.4446, 0.4852
Android (android.graphics.Color)	4292854272 (0xFFDFC200)
YUV	180.5550, -89.0136, 37.2243
Hunter-Lab	73.6692, -8.4422, 45.2468

Details

The Hex color **DFC200** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **001DDF**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFFA53**, and **A38D00** is the 20% darker color. If you saturate the color by 10%, you get **DFC200**, and if you desaturate by 10%, it is **DFC516**.

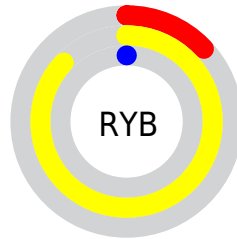
Distribution



Red (87%)

Green (76%)

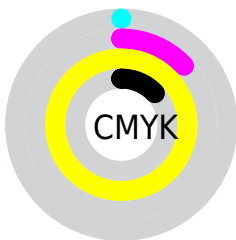
Blue (0%)



Red (13%)

Yellow (87%)

Blue (0%)

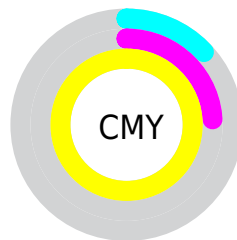


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFC200 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 DFC200 by changing the saturation by 10% instead.

 DFC200

 DFC200

FFFFFF

 C1A700

 FFFA53

 A38D00

 FFFF71

 867400

 FFFF8E

 695B00

 FFFFAB

 4D4400

 FFFFC8

 332E00

 FFFF E5

 1B1A00

 000000

 DFC200

 DFC516

 DFC82D

 DFCB43

 DFCE59

 DFD170

 DFD386

 DFD69C

 DFD9B2

 DFDCC9

Harmonies

Analogous

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



FFA636



DFC200



92D637

Triad

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



DFC200



00E4FF



FF89FF

Complementary

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



DFC200



001DDF

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.



CEABFF



DFC200



00DBFF

Square

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



DFC200



00E5CA



00C9FF



FF77BD

Rectangle

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



DFC200



45DE64



00C9FF



FF94FF

Sweetspot

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



DFC200



FFF5B3



DF001E



807A52



000000



808080

Same Dimension

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



DFC200



FFDE00



8DDF00



706F65



B09900



302A00

Inverse Universe

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



001DDF



0021FF



5200DF



656670



0017B0



000630

Previews

White Background



This preview shows how the Hex color DFC200 looks on a white background.

Color Contrast Check

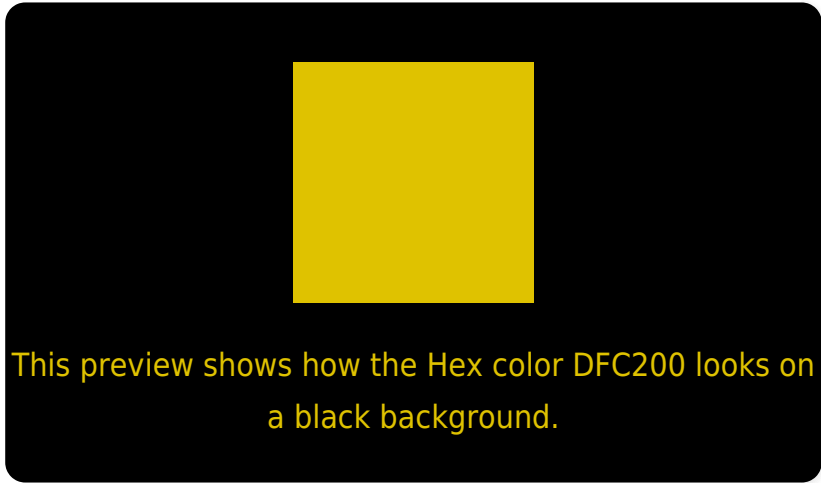
Large Text (above 18pt) WCAG AA × Fail

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 DFC200 Background



This preview shows how black text looks on a background with the Hex color DFC200.

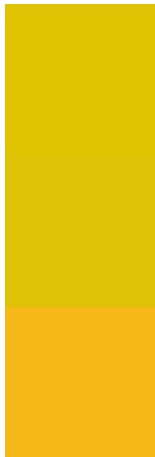


This preview shows how white text looks on a background with the Hex color DFC200.

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
DFC200

Protanopia
DCC305

Deuteranopia
F6B917



Tritanopia
EAB4C2

Trichromacy



Original Color
DFC200

Protanomaly
DDC303

Deuteranomaly
EEBC0F

Tritanomaly
E6B97B

Monochromacy



Original Color
DFC200

Achromatopsia
B5B5B5

Achromatomaly
C4BA73

CSS Examples

Text

The CSS property to change the color of the text to Hex DFC200 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 #DFC200 looks like.

```
.text, #text, p{  
    color:#DFC200  
}
```

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 #DFC200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFC200
}
```

Border

The CSS property to change the border of an element to Hex DFC200 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
#DFC200 }
```

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

```
.border{ border-color:#DFC200 }
```

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

Here you see how a box with a 4 pixel #DFC200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFC200; -webkit-box-shadow:4px 4px  
4px 4px #DFC200; box-shadow:4px 4px 4px  
4px #DFC200 }
```

Background

The CSS property to change the background color of an element to Hex DFC200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFC200 }
```

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

```
.background{ background-color:#DFC200 }
```

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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