

Converting Colors

Hex(DFC21B)

Have a look what the booklet for
Hex(DFC21B) contains.

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Color

Hex(DFC21B)

Conversions

Conversions Part 1

Format	Color
Hex	DFC21B
RGB	223, 194, 27
RGB Percent	87%, 76%, 11%
CMY	0.1255, 0.2392, 0.8941
CMYK	0.00, 0.13, 0.88, 0.13
HSL	51°, 78%, 49%
HSV	51°, 88%, 87%
XYZ	49.9210, 54.3507, 8.8965
YIQ	183.6330, 70.8910, -45.7890

Conversions

Conversions Part 2

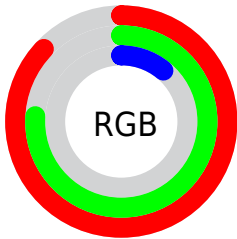
Format	Color
RYB	61, 223, 27
Decimal	14664219
CIELab	78.67, -4.63, 76.43
CIELCh	79, 76.571, 93.465
Yxy	54.3507, 0.4411, 0.4803
Android (android.graphics.Color)	4292854299 (0xFFDFC21B)
YUV	183.6330, -77.2201, 34.5249
Hunter-Lab	73.7229, -8.1449, 44.4512

Details

The Hex color **DFC21B** 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 **1B38DF**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFFA5D**, and **A38D00** is the 20% darker color. If you saturate the color by 10%, you get **DFBF05**, and if you desaturate by 10%, it is **DFC531**.

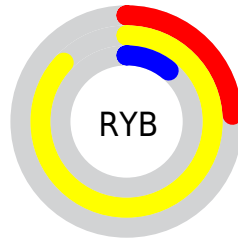
Distribution



Red (87%)

Green (76%)

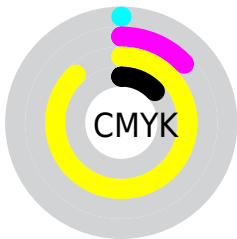
Blue (11%)



Red (24%)

Yellow (87%)

Blue (11%)

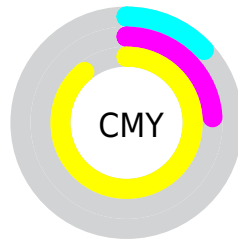


Cyan (0%)

Magenta (13%)

Yellow (88%)

Black (13%)



Cyan (13%)

Magenta (24%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFC21B 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 DFC21B by changing the saturation by 10% instead.

 DFC21B

 DFC21B

FFFFFF

 C1A700

 FFFA5D

 A38D00

 FFFF7A

 867400

 FFFF96

 6A5B00

 FFFFB3

 4E4400

 FFFFD0

 342E00

 FFFFED

 1B1A00

 000000

 DFC21B

 DFC21B

 DFBF05

 DFC531

 DFBE00

 DFC948

 DFCC5E

 DFCF74

 DFD28B

 DFD6A1

 DFD9B7

 DFDCCD

 DFE0E4

Harmonies

Analogous

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



FFA73E



DFC21B



96D540

Triad

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



DFC21B



00E3FF



FF8DFF

Complementary

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



DFC21B



1B38DF

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.



CEACFF



DFC21B



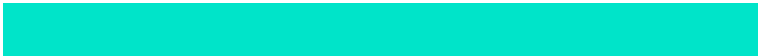
00DBFF

Square

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



DFC21B



00E4C9



00C8FF



FF7DBD

Rectangle

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



DFC21B



50DD69



00C8FF



FF97FF

Sweetspot

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



DFC21B



FFF5BD



DF1B38



807A58



000000



808080

Same Dimension

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



DFC21B



FFD900



9ADF1B



706F65



B09600



302900

Inverse Universe

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



1B38DF



0026FF



601BDF



656770



001AB0



000730

Previews

White Background



This preview shows how the Hex color DFC21B looks on a white background.

Color Contrast Check

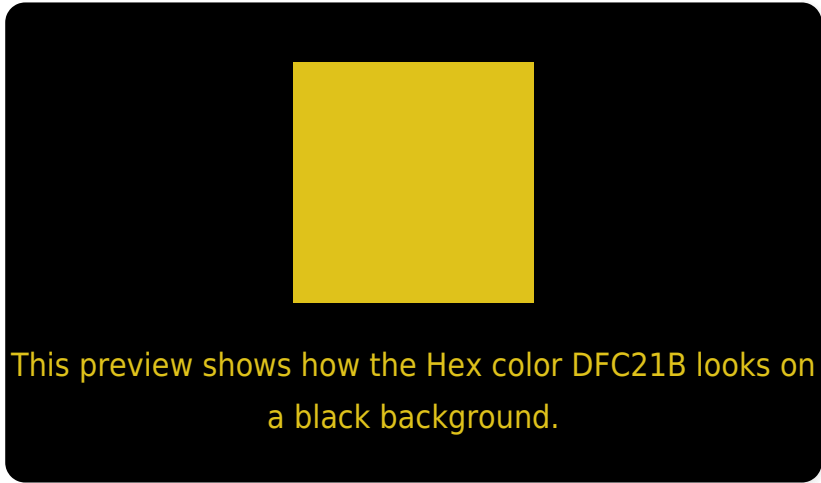
Large Text (above 18pt) WCAG AA × Fail

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 DFC21B Background



This preview shows how black text looks on a background with the Hex color DFC21B.



This preview shows how white text looks on a background with the Hex color DFC21B.

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
DFC21B

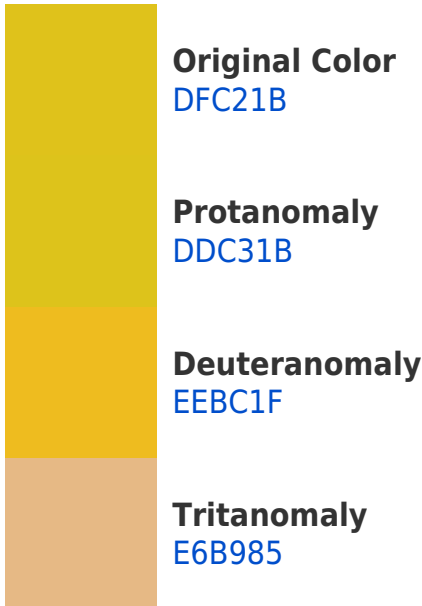
Protanopia
DCC31B

Deuteranopia
F6B922



Tritanopia
EAB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFC21B 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 #DFC21B looks like.

```
.text, #text, p{  
    color:#DFC21B  
}
```

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 #DFC21B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFC21B
}
```

Border

The CSS property to change the border of an element to Hex DFC21B 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
#DFC21B }
```

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

```
.border{ border-color:#DFC21B }
```

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

Here you see how a box with a 4 pixel #DFC21B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFC21B; -webkit-box-shadow:4px 4px  
4px 4px #DFC21B; box-shadow:4px 4px 4px  
4px #DFC21B }
```

Background

The CSS property to change the background color of an element to Hex DFC21B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFC21B }
```

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

```
.background{ background-color:#DFC21B }
```

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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