

Converting Colors

Hex(DFC72E)

Have a look what the booklet for
Hex(DFC72E) contains.

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Color

Hex(DFC72E)

Conversions

Conversions Part 1

Format	Color
Hex	DFC72E
RGB	223, 199, 46
RGB Percent	87%, 78%, 18%
CMY	0.1255, 0.2196, 0.8196
CMYK	0.00, 0.11, 0.79, 0.13
HSL	52°, 73%, 53%
HSV	52°, 79%, 87%
XYZ	51.3480, 56.7321, 10.8288
YIQ	188.7340, 63.4170, -42.4950

Conversions

Conversions Part 2

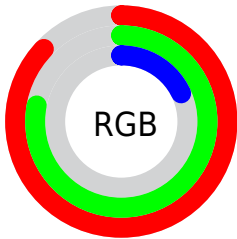
Format	Color
RYB	74, 223, 46
Decimal	14665518
CIELab	80.03, -6.69, 72.90
CIELCh	80, 73.211, 95.246
Yxy	56.7321, 0.4318, 0.4771
Android (android.graphics.Color)	4292855598 (0xFFDFC72E)
YUV	188.7340, -70.3679, 30.0513
Hunter-Lab	75.3207, -10.1233, 44.2004

Details

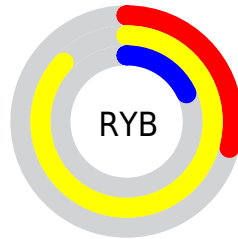
The Hex color **DFC72E** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **2E46DF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF69**, and **A49200** is the 20% darker color. If you saturate the color by 10%, you get **DFC418**, and if you desaturate by 10%, it is **DFCA44**.

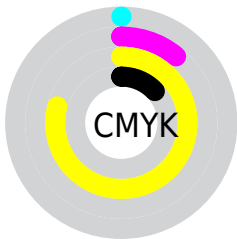
Distribution



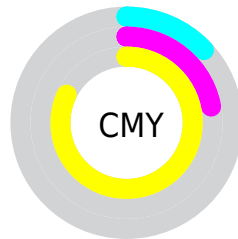
- Red (87%)
- Green (78%)
- Blue (18%)



- Red (29%)
- Yellow (87%)
- Blue (18%)



- Cyan (0%)
- Magenta (11%)
- Yellow (79%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFC72E 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 DFC72E by changing the saturation by 10% instead.

 DFC72E

 DFC72E

FFFFFF

 C1AC00

 FFFF69

 A49200

 FFFF86

 877800

 FFFFA2

 6B6000

 FFFFBF

 4F4800

 FFFFDC

 343200

 FFFFF9

 1C1D00

 000000

 DFC72E

 DFC72E

 DFC418

 DFCA44

 DFC101

 DFCD5B

 DFC100

 DFD071

 DFD387

 DFD69E

 DFD9B4

 DFDCCA

 DFDFE0

 DFE2F7

Harmonies

Analogous

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



FFAE46



DFC72E



98D94E

Triad

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



DFC72E



00E6FF



FF93FF

Complementary

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



DFC72E



2E46DF

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.



D8AFFF



DFC72E



00DDFF

Square

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



DFC72E



00E7D1



39CAFF



FF86BD

Rectangle

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



DFC72E



55E074



39CAFF



FF9BFF

Sweetspot

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



DFC72E



FFF7C2



DF2E49



807A5B



000000



808080

Same Dimension

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



DFC72E



FFDE0D



A1DF2E



706F65



B09800



302A00

Inverse Universe

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



2E46DF



0D2EFF



6C2EDF



656770



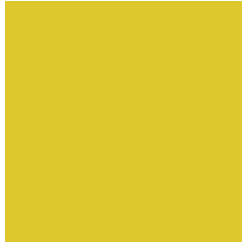
0018B0



000730

Previews

White Background



This preview shows how the Hex color DFC72E looks on a white background.

Color Contrast Check

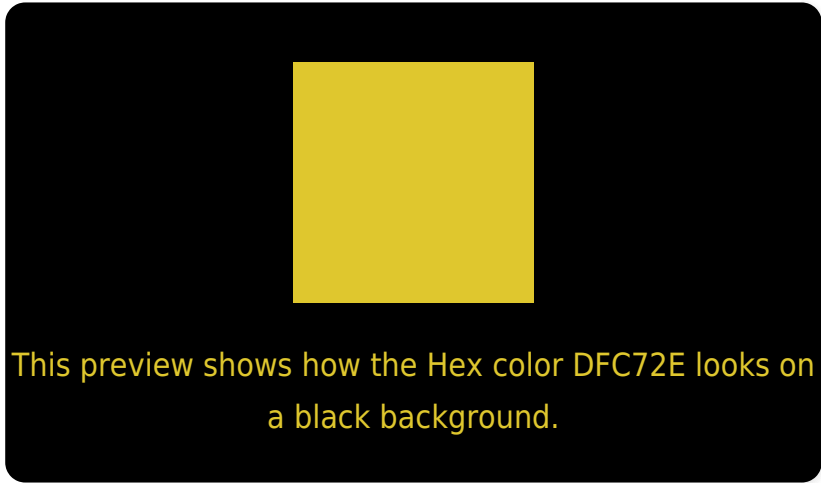
Large Text (above 18pt) WCAG AA × Fail

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 DFC72E Background



This preview shows how black text looks on a background with the Hex color DFC72E.



This preview shows how white text looks on a background with the Hex color DFC72E.

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](#).

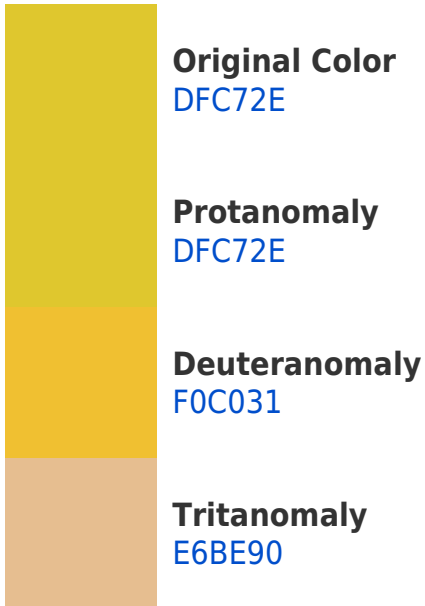
Dichromacy





Tritanopia
EAB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFC72E 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 #DFC72E looks like.

```
.text, #text, p{  
    color:#DFC72E  
}
```

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 #DFC72E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFC72E
}
```

Border

The CSS property to change the border of an element to Hex DFC72E 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
#DFC72E }
```

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

```
.border{ border-color:#DFC72E }
```

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

Here you see how a box with a 4 pixel #DFC72E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFC72E; -webkit-box-shadow:4px 4px  
4px 4px #DFC72E; box-shadow:4px 4px 4px  
4px #DFC72E }
```

Background

The CSS property to change the background color of an element to Hex DFC72E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFC72E }
```

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

```
.background{ background-color:#DFC72E }
```

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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