

# Converting Colors

Hex(DFD14C)

Have a look what the booklet for  
Hex(DFD14C) contains.

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# **Color**

**Hex(DFD14C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFD14C
RGB	223, 209, 76
RGB Percent	87%, 82%, 30%
CMY	0.1255, 0.1804, 0.7020
CMYK	0.00, 0.06, 0.66, 0.13
HSL	54°, 70%, 59%
HSV	54°, 66%, 87%
XYZ	54.5364, 61.8107, 15.8938
YIQ	198.0240, 51.0370, -38.3950

# Conversions

## Conversions Part 2

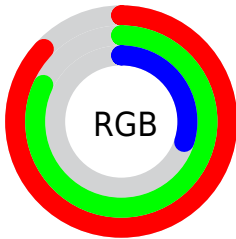
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 223, 76
Decimal	14668108
CIE <sub>Lab</sub>	82.81, -10.43, 65.06
CIE <sub>LCh</sub>	83, 65.892, 99.111
Yxy	61.8107, 0.4124, 0.4674
Android (android.graphics.Color)	4292858188 (0xFFDFD14C)
YUV	198.0240, -60.1578, 21.9040
Hunter-Lab	78.6198, -13.7641, 43.0478

# Details

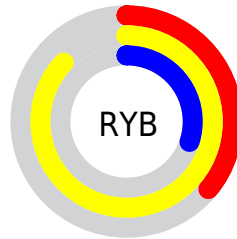
The Hex color **DFD14C** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4C5ADF**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF83**, and **A49B07** is the 20% darker color. If you saturate the color by 10%, you get **DFCF36**, and if you desaturate by 10%, it is **DFD362**.

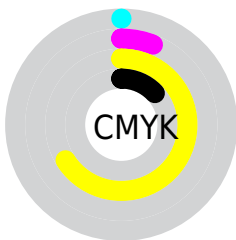
# Distribution



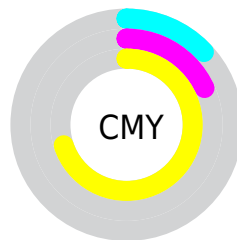
- Red (87%)
- Green (82%)
- Blue (30%)



- Red (36%)
- Yellow (87%)
- Blue (30%)



- Cyan (0%)
- Magenta (6%)
- Yellow (66%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFD14C 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 DFD14C by changing the saturation by 10% instead.



 DFD14C

 DFD14C

FFFFFF

 C1B62F

 FFFF83

 A49B07

 FFFF9F

 888100

 FFFFBB

 6C6800

 FFFFD8

 515000

 FFFFF5

 363A00

 1E2400

 001100

 000000

 DFD14C

 DFD14C

 DF3CF6

 DFD362

 DFCD1F

 DFD579

 DF3CB9

 DFD78F

 DF3A00

 DFD9A5

 DFDCBC

 DFDED2

 DFE0E8

 DFE2FE

 DFE4FF

# Harmonies

## Analogous

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



FFBB58



DFD14C



9CE169

# Triad

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



DFD14C



00EAFB



FF9FFC

# Complementary

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



DFD14C



4C5ADF

# 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.



EBB6FF



DFD14C



00E1FF

# Square

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



DFD14C



00EDED



7FCFFF



FF97BE

# Rectangle

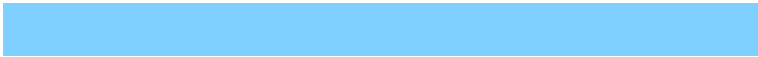
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFD14C



61E78C



7FCFFF



FFA6FF



# Sweetspot

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



DFD14C



FFFACC



DF4C5B



807D61



000000



808080



# Same Dimension

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



DFD14C



FFEC36



A4DF4C



706F65



B09F00



302C00



# Inverse Universe

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



4C5ADF



3649FF



874CDF



656670



0011B0



000530



# Previews

## White Background



This preview shows how the Hex color DFD14C looks on a white background.

## Color Contrast Check

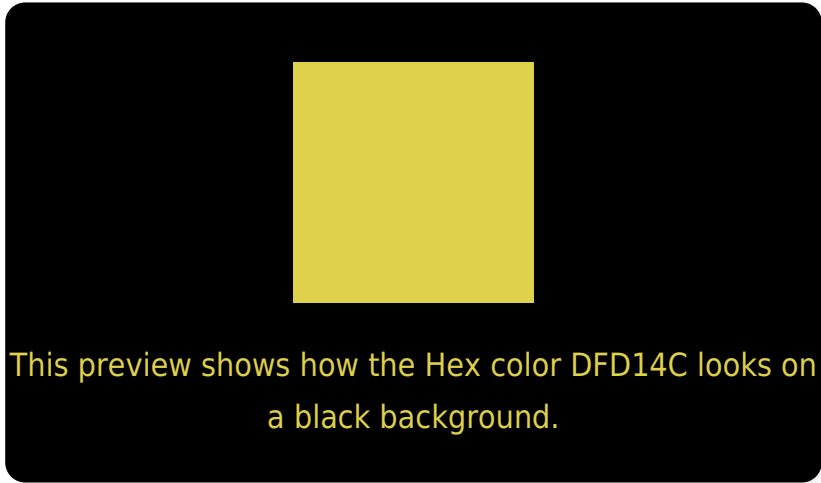
Large Text (above 18pt) WCAG AA × Fail

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 DFD14C Background



This preview shows how black text looks on a background with the Hex color DFD14C.

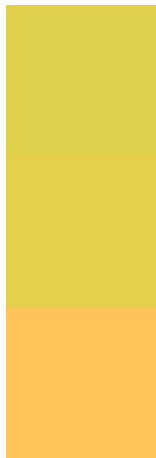


This preview shows how white text looks on a background with the Hex color DFD14C.

# 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**  
DFD14C

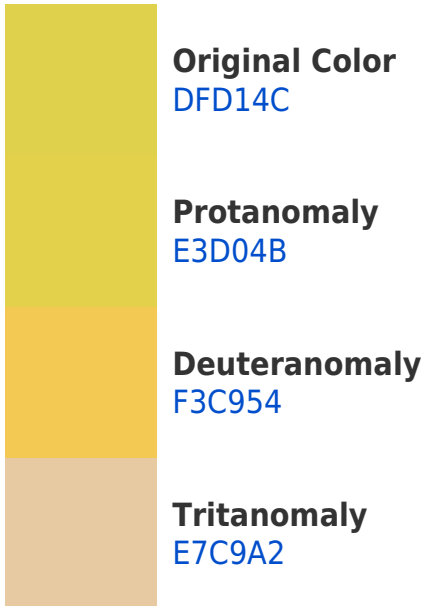
**Protanopia**  
E6CF4B

**Deuteranopia**  
FFC459

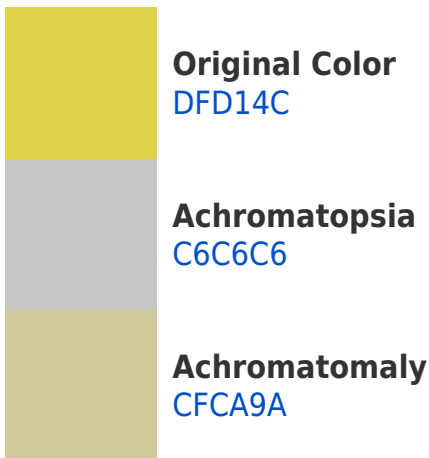


**Tritanopia**  
EBC4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFD14C 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 #DFD14C looks like.

```
.text, #text, p{  
    color:#DFD14C  
}
```

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 #DFD14C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFD14C
}
```

## Border

The CSS property to change the border of an element to Hex DFD14C 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
#DFD14C }
```

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

```
.border{ border-color:#DFD14C }
```

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

Here you see how a box with a 4 pixel #DFD14C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFD14C; -webkit-box-shadow:4px 4px  
4px 4px #DFD14C; box-shadow:4px 4px 4px  
4px #DFD14C }
```

# Background

The CSS property to change the background color of an element to Hex DFD14C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFD14C }
```

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

```
.background{ background-color:#DFD14C }
```

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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