

# Converting Colors

Hex(DFD84E)

Have a look what the booklet for  
Hex(DFD84E) contains.

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# **Color**

**Hex(DFD84E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFD84E
RGB	223, 216, 78
RGB Percent	87%, 85%, 31%
CMY	0.1255, 0.1529, 0.6941
CMYK	0.00, 0.03, 0.65, 0.13
HSL	57°, 69%, 59%
HSV	57°, 65%, 87%
XYZ	56.3624, 65.3498, 16.8509
YIQ	202.3610, 48.4700, -41.4340

# Conversions

## Conversions Part 2

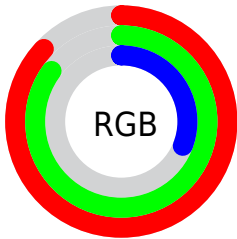
Format	Color
R <sub>Y</sub> B	85, 223, 78
Decimal	14669902
CIE Lab	84.66, -13.83, 66.18
CIE LCh	85, 67.608, 101.800
Yxy	65.3498, 0.4068, 0.4716
Android (android.graphics.Color)	4292859982 (0xFFDFD84E)
YUV	202.3610, -61.3100, 18.1004
Hunter-Lab	80.8392, -17.0154, 44.2285

# Details

The Hex color **DFD84E** 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 **4E55DF**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF85**, and **A5A10A** is the 20% darker color. If you saturate the color by 10%, you get **DFD738**, and if you desaturate by 10%, it is **DFD964**.

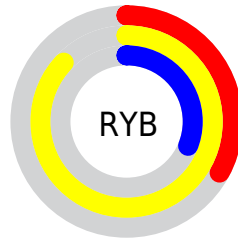
# Distribution



Red (87%)

Green (85%)

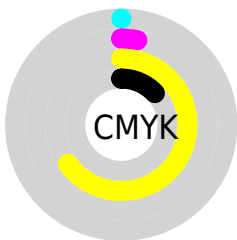
Blue (31%)



Red (33%)

Yellow (87%)

Blue (31%)

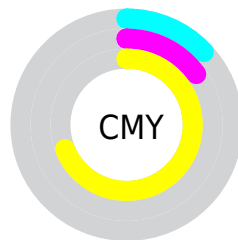


Cyan (0%)

Magenta (3%)

Yellow (65%)

Black (13%)



Cyan (13%)

Magenta (15%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFD84E 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 DFD84E by changing the saturation by 10% instead.



 DFD84E

 DFD84E

FFFFFF

 C1BC31

 FFFF85

 A5A10A

 FFFFA1

 888700

 FFFFBE

 6C6E00

 FFFFDB

 515600

 FFFFF8

 363F00

 1D2900

 001600

 000000

 DFD84E

 DFD84E

 DFD738

 DFD964

 DFD621

 DFDA7B

 DFD50B

 DFDB91

 DFD400

 DFDC A7

 DFDDBE

 DFDED4

 DFE0EA

 DFE1FF

 DFE2FF

# Harmonies

## Analogous

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



FFC257



DFD84E



99E86F

# Triad

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



DFD84E



00F0FF



FFA1FD

# Complementary

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



DFD84E



4E55DF

# 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.



F8B8FF



DFD84E



00E5FF

# Square

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



DFD84E



00F3EB



8ED2FF



FF9BBD

# Rectangle

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



DFD84E



57EE94



8ED2FF



FFA8FF



# Sweetspot

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



DFD84E



FFFDCC



DF4E55



807E61



000000



808080



# Same Dimension

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



DFD84E



FFF538



9EDF4E



707065



B0A700



302E00



# Inverse Universe

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



4E55DF



3842FF



8F4EDF



656670



0008B0



000230



# Previews

## White Background



This preview shows how the Hex color DFD84E looks on a white background.

## Color Contrast Check

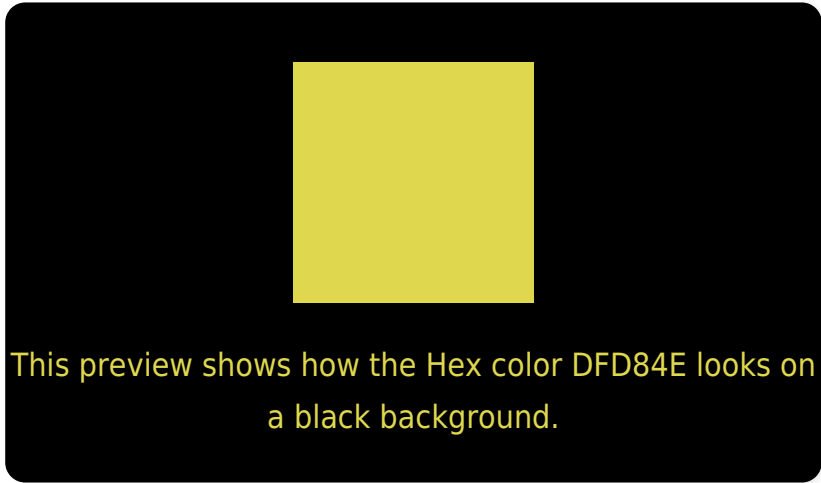
Large Text (above 18pt) WCAG AA × Fail

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 DFD84E Background



This preview shows how black text looks on a background with the Hex color DFD84E.

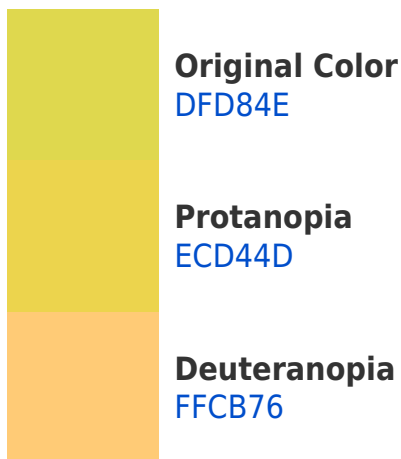


This preview shows how white text looks on a background with the Hex color DFD84E.

# Color Blindness Simulation

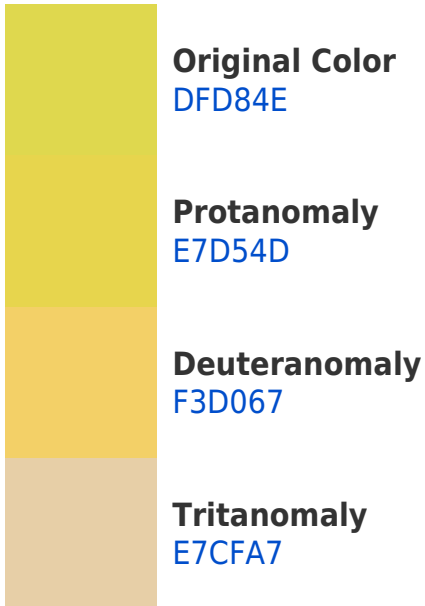
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

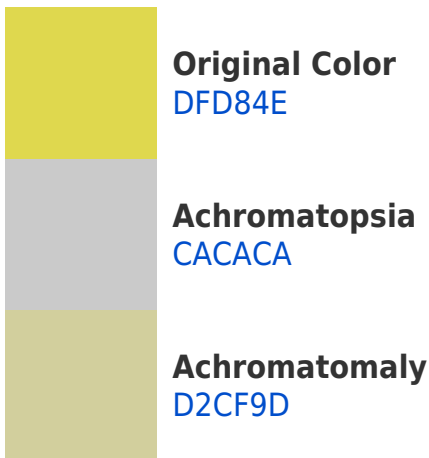




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFD84E 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 #DFD84E looks like.

```
.text, #text, p{  
  color:#DFD84E  
}
```

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 #DFD84E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFD84E
}
```

## Border

The CSS property to change the border of an element to Hex DFD84E 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
#DFD84E }
```

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

```
.border{ border-color:#DFD84E }
```

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

Here you see how a box with a 4 pixel #DFD84E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFD84E; -webkit-box-shadow:4px 4px  
4px 4px #DFD84E; box-shadow:4px 4px 4px  
4px #DFD84E }
```

# Background

The CSS property to change the background color of an element to Hex DFD84E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFD84E }
```

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

```
.background{ background-color:#DFD84E }
```

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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