

# Converting Colors

Hex(DFDC17)

Have a look what the booklet for  
Hex(DFDC17) contains.

<b>Hex(DFDC17)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DFDC17)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFDC17
RGB	223, 220, 23
RGB Percent	87%, 86%, 9%
CMY	0.1255, 0.1373, 0.9098
CMYK	0.00, 0.01, 0.90, 0.13
HSL	59°, 81%, 48%
HSV	59°, 90%, 87%
XYZ	56.1793, 66.9362, 10.7696
YIQ	198.4390, 65.0250, -60.6310

# Conversions

## Conversions Part 2

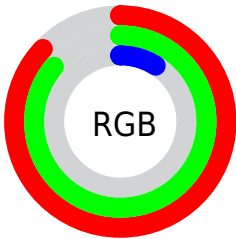
Format	Color
R <sub>Y</sub> B	26, 223, 23
Decimal	14670871
CIE Lab	85.47, -17.76, 82.46
CIE LCh	85, 84.350, 102.158
Yxy	66.9362, 0.4196, 0.5000
Android (android.graphics.Color)	4292860951 (0xFFDFDC17)
YUV	198.4390, -86.4914, 21.5400
Hunter-Lab	81.8146, -20.6056, 49.4656

# Details

The Hex color **DFDC17** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **171ADF**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF5F**, and **A3A500** is the 20% darker color. If you saturate the color by 10%, you get **DFDC01**, and if you desaturate by 10%, it is **DFDC2D**.

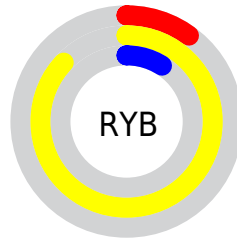
# Distribution



Red (87%)

Green (86%)

Blue (9%)



Red (10%)

Yellow (87%)

Blue (9%)

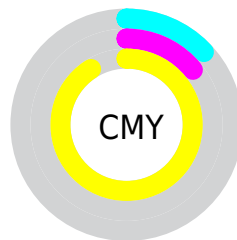


Cyan (0%)

Magenta (1%)

Yellow (90%)

Black (13%)



Cyan (13%)

Magenta (14%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFDC17 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 DFDC17 by changing the saturation by 10% instead.



 DFDC17

 DFDC17

FFFFFF

 C1C000

 FFFF5F

 A3A500

 FFFF7D

 868B00

 FFFF9A

 6A7200

 FFFFB7

 4D5A00

 FFFFD5

 334200

 FFFFF3

 192C00

 001900

 000000

 DFDC17

 DFDC17

 DFDC01

 DFDC2D

 DFDC00

 DFDD44

 DFDD5A

 DFDD70

 DFDE86

 DFDE9D

 DFDEB3

 DFDFC9

 DFDFE0

# Harmonies

## Analogous

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



FFC02E



DFDC17



85EE55

# Triad

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



DFDC17



00F8FF



FF90FF

# Complementary

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



DFDC17



171ADF

# 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.



FFB2FF



DFDC17



00ECFF

# Square

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



DFDC17



00BF5



67D4FF



FF87B8

# Rectangle

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



DFDC17



00F687



67D4FF



FF9AFF



# Sweetspot

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



DFDC17



FFFEBA



DF171A



807F57



000000



808080



# Same Dimension

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



DFDC17



FFFB00



7EDF17



707065



B0AD00



303000



# Inverse Universe

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



171ADF



0004FF



7817DF



656570



0003B0



000130



# Previews

## White Background



This preview shows how the Hex color DFDC17 looks on a white background.

## Color Contrast Check

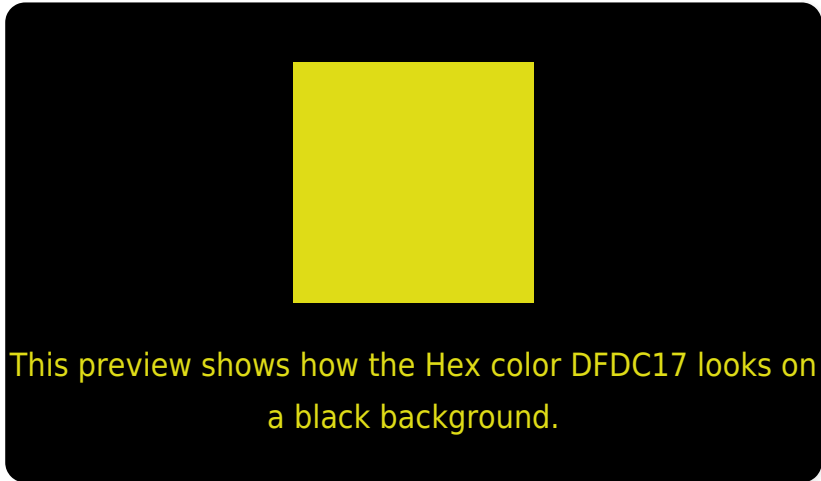
Large Text (above 18pt) WCAG AA × Fail

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 DFDC17 Background



This preview shows how black text looks on a background with the Hex color DFDC17.

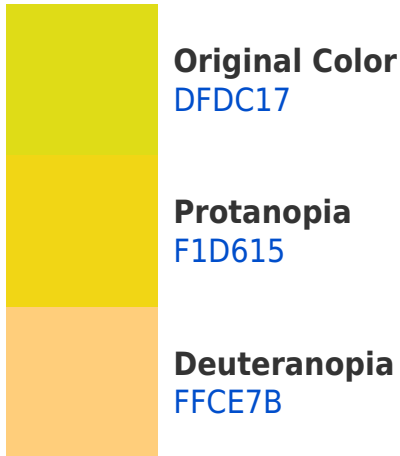


This preview shows how white text looks on a background with the Hex color DFDC17.

# Color Blindness Simulation

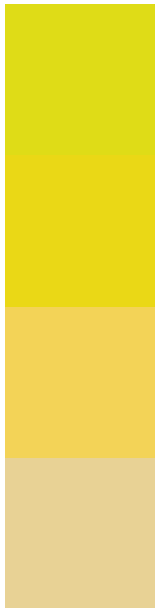
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
DFDC17

**Protanomaly**  
EAD816

**Deuteranomaly**  
F3D357

**Tritanomaly**  
E8D295

# Monochromacy



**Original Color**  
DFDC17

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
CFCE86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFDC17 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 #DFDC17 looks like.

```
.text, #text, p{  
    color:#DFDC17  
}
```

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 #DFDC17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFDC17
}
```

## Border

The CSS property to change the border of an element to Hex DFDC17 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
#DFDC17 }
```

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

```
.border{ border-color:#DFDC17 }
```

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

Here you see how a box with a 4 pixel #DFDC17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFDC17; -webkit-box-shadow:4px 4px  
4px 4px #DFDC17; box-shadow:4px 4px 4px  
4px #DFDC17 }
```

# Background

The CSS property to change the background color of an element to Hex DFDC17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFDC17 }
```

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

```
.background{ background-color:#DFDC17 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor