

Converting Colors

Hex(FFDF63)

Have a look what the booklet for
Hex(FFDF63) contains.

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Color

Hex(FFDF63)

Conversions

Conversions Part 1

Format	Color
Hex	FFDF63
RGB	255, 223, 99
RGB Percent	100%, 87%, 39%
CMY	0.0000, 0.1255, 0.6118
CMYK	0.00, 0.13, 0.61, 0.00
HSL	48°, 100%, 69%
HSV	48°, 61%, 100%
XYZ	69.8798, 74.9362, 22.5855
YIQ	218.4320, 58.8760, -31.7800

Conversions

Conversions Part 2

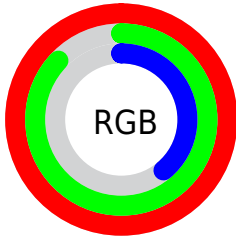
Format	Color
RYB	139, 255, 99
Decimal	16768867
CIELab	89.36, -2.88, 63.27
CIElCh	89, 63.335, 92.603
Yxy	74.9362, 0.4174, 0.4476
Android (android.graphics.Color)	4294958947 (0xFFFFDF63)
YUV	218.4320, -58.8800, 32.0701
Hunter-Lab	86.5657, -7.3966, 45.1269

Details

The Hex color **FFDF63** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6383FF**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF9A**, and **C3A82B** is the 20% darker color. If you saturate the color by 10%, you get **FFDA49**, and if you desaturate by 10%, it is **FFE47C**.

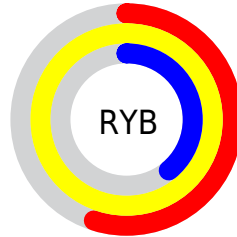
Distribution



Red (100%)

Green (87%)

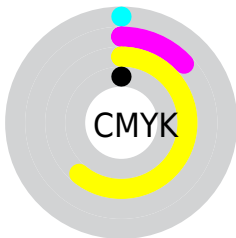
Blue (39%)



Red (55%)

Yellow (100%)

Blue (39%)

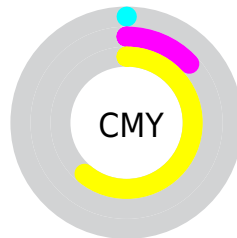


Cyan (0%)

Magenta (13%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFDF63 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 FFDF63 by changing the saturation by 10% instead.

 FFDF63

 FFDF63

FFFFFF

 E1C348

 FFFF9A

 C3A82B

 FFFF66

 A68E03

 FFFFD2

 897500

 FFFFF0

 6D5C00

 524500

 372F00

 1F1B00

 000000

 FFDF63

 FFDF63

 FFDA49

 FFE47C

 FFD530

 FFE996

 FFCF16

 FFEFB0

 FFCE00

 FFF4C9

 FFF9E3

 FFFEFC

 FFFFFFFF

Harmonies

Analogous

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



FFC975



FFDF63



C1F076

Triad

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



FFDF63



00FEFF



FFB8FF

Complementary

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



FFDF63



6383FF

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.



ECCFFF



FFDF63



00F5FF

Square

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



FFDF63



00FE4



7CE5FF



FFADDE

Rectangle

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



FFDF63



8EF894



7CE5FF



FFBFFF

Sweetspot

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



FFDF63



FFF6D1



FF6385



807A63



000000



808080

Same Dimension

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



FFDF63



FFD945



D3FF63



807D73



BF9800



403300

Inverse Universe

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



6383FF



456BFF



8F63FF



737580



0027BF



000D40

Previews

White Background



This preview shows how the Hex color FFDF63 looks on a white background.

Color Contrast Check

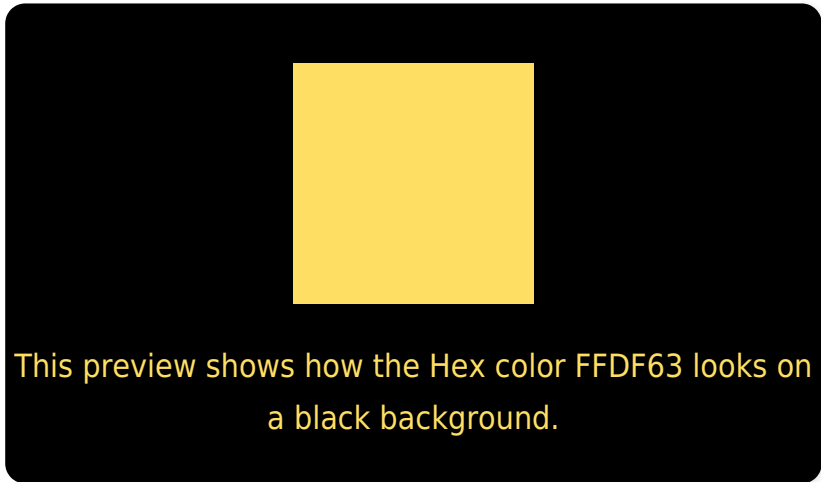
Large Text (above 18pt) WCAG AA × Fail

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 FFDF63 Background



This preview shows how black text looks on a background with the Hex color FFDF63.

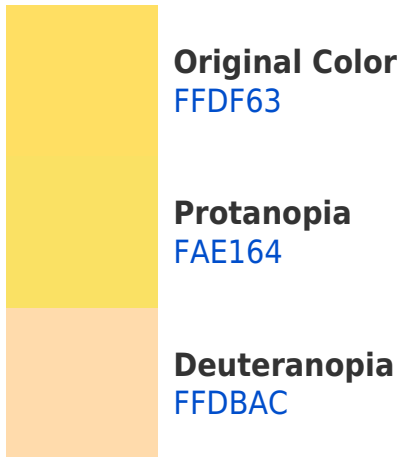


This preview shows how white text looks on a background with the Hex color FFDF63.

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](#).

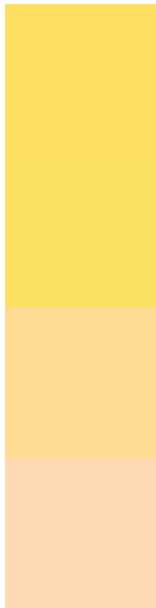
Dichromacy





Tritanopia
FFD6E1

Trichromacy



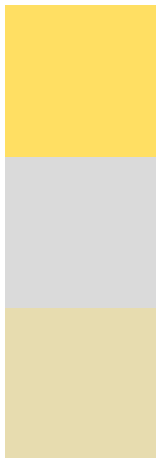
Original Color
FFDF63

Protanomaly
FCE064

Deuteranomaly
FFDC91

Tritanomaly
FFD9B3

Monochromacy



Original Color
FFDF63

Achromatopsia
DADADA

Achromatomaly
E7DCAF

CSS Examples

Text

The CSS property to change the color of the text to Hex FFDF63 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 #FFDF63 looks like.

```
.text, #text, p{  
    color:#FFDF63  
}
```

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 #FFDF63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDF63
}
```

Border

The CSS property to change the border of an element to Hex FFDF63 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
#FFDF63 }
```

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

```
.border{ border-color:#FFDF63 }
```

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

Here you see how a box with a 4 pixel #FFDF63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDF63; -webkit-box-shadow:4px 4px  
4px 4px #FFDF63; box-shadow:4px 4px 4px  
4px #FFDF63 }
```

Background

The CSS property to change the background color of an element to Hex FFDF63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDF63 }
```

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

```
.background{ background-color:#FFDF63 }
```

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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