

Converting Colors

Hex(DFD93E)

Have a look what the booklet for
Hex(DFD93E) contains.

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Color

Hex(DFD93E)

Conversions

Conversions Part 1

Format	Color
Hex	DFD93E
RGB	223, 217, 62
RGB Percent	87%, 85%, 24%
CMY	0.1255, 0.1490, 0.7569
CMYK	0.00, 0.03, 0.72, 0.13
HSL	58°, 72%, 56%
HSV	58°, 72%, 87%
XYZ	56.1138, 65.6615, 14.2739
YIQ	201.1240, 53.3310, -46.9330

Conversions

Conversions Part 2

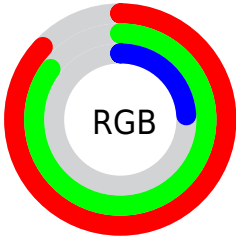
Format	Color
RYB	68, 223, 62
Decimal	14670142
CIELab	84.82, -15.13, 72.23
CIELCh	85, 73.803, 101.833
Yxy	65.6615, 0.4125, 0.4826
Android (android.graphics.Color)	4292860222 (0xFFDFD93E)
YUV	201.1240, -68.5881, 19.1853
Hunter-Lab	81.0318, -18.1959, 46.2782

Details

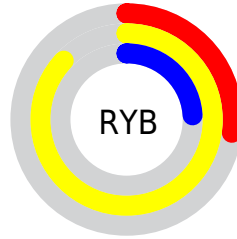
The Hex color **DFD93E** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3E44DF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF78**, and **A4A200** is the 20% darker color. If you saturate the color by 10%, you get **DFD828**, and if you desaturate by 10%, it is **DFDA54**.

Distribution



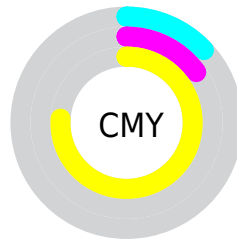
- Red (87%)
- Green (85%)
- Blue (24%)



- Red (27%)
- Yellow (87%)
- Blue (24%)



- Cyan (0%)
- Magenta (3%)
- Yellow (72%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFD93E 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 DFD93E by changing the saturation by 10% instead.

 DFD93E

 DFD93E

FFFFFF

 C1BD1B

 FFFF78

 A4A200

 FFFF94

 878800

 FFFFB0

 6B6F00

 FFFFCD

 505700

 FFFFEB

 354000

 1C2A00

 001700

 000000

DFD93E

DFD93E

DFD828

DFDA54

DFD711

DFDB6B

DFD700

DFDB81

DFDC97

DFDDAE

DFDEC4

DFDFDA

DFE0F0

DFE0FF

Harmonies

Analogous

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



FFC149



DFD93E



92EA66

Triad

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



DFD93E



00F2FF



FF9BFF

Complementary

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



DFD93E



3E44DF

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.



FBB6FF



DFD93E



00E7FF

Square

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



DFD93E



00F6EE



81D2FF



FF94BB

Rectangle

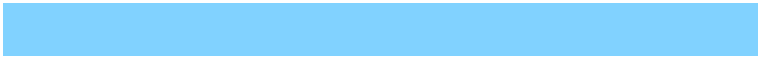
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFD93E



40F08F



81D2FF



FFA3FF

Sweetspot

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



DFD93E



FFFDC7



DF3E46



807E5E



000000



808080

Same Dimension

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



DFD93E



FFF721



97DF3E



707065



B0A900



302F00

Inverse Universe

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



3E44DF



2129FF



863EDF



656570



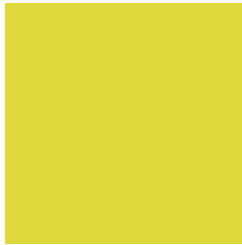
0007B0



000230

Previews

White Background



This preview shows how the Hex color DFD93E looks on a white background.

Color Contrast Check

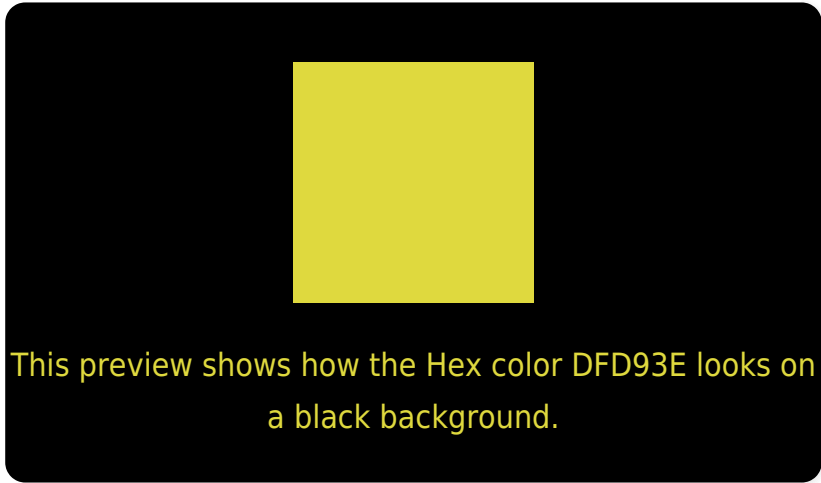
Large Text (above 18pt) WCAG AA × Fail

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 DFD93E Background



This preview shows how black text looks on a background with the Hex color DFD93E.

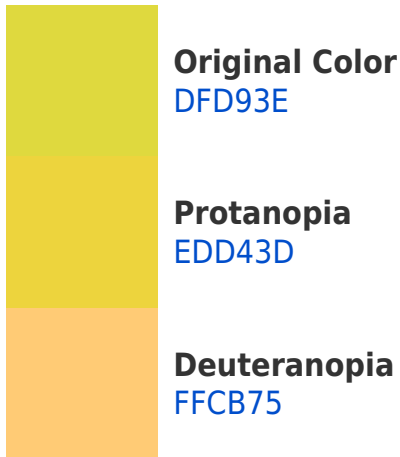


This preview shows how white text looks on a background with the Hex color DFD93E.

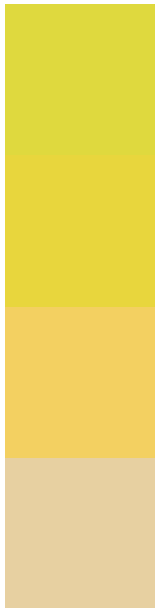
Color Blindness Simulation

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
DFD93E

Protanomaly
E8D63D

Deuteranomaly
F3D061

Tritanomaly
E7D0A1

Monochromacy



Original Color
DFD93E

Achromatopsia
C9C9C9

Achromatomaly
D1CF96

CSS Examples

Text

The CSS property to change the color of the text to Hex DFD93E 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 #DFD93E looks like.

```
.text, #text, p{  
    color:#DFD93E  
}
```

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 #DFD93E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFD93E
}
```

Border

The CSS property to change the border of an element to Hex DFD93E 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
#DFD93E }
```

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

```
.border{ border-color:#DFD93E }
```

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

Here you see how a box with a 4 pixel #DFD93E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFD93E; -webkit-box-shadow:4px 4px  
4px 4px #DFD93E; box-shadow:4px 4px 4px  
4px #DFD93E }
```

Background

The CSS property to change the background color of an element to Hex DFD93E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFD93E }
```

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

```
.background{ background-color:#DFD93E }
```

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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