

Converting Colors

Hex(DFEF3D)

Have a look what the booklet for
Hex(DFEF3D) contains.

Hex(DFEF3D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DFEF3D)

Conversions

Conversions Part 1

Format	Color
Hex	DFEF3D
RGB	223, 239, 61
RGB Percent	87%, 94%, 24%
CMY	0.1255, 0.0627, 0.7608
CMYK	0.07, 0.00, 0.74, 0.06
HSL	65°, 85%, 59%
HSV	65°, 74%, 94%
XYZ	62.1402, 77.7579, 16.1485
YIQ	213.9240, 47.6020, -58.7500

Conversions

Conversions Part 2

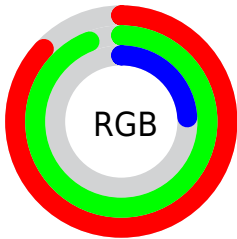
Format	Color
RYB	61, 239, 77
Decimal	14675773
CIELab	90.67, -25.82, 78.05
CIELCh	91, 82.208, 108.308
Yxy	77.7579, 0.3982, 0.4983
Android (android.graphics.Color)	4292865853 (0xFFDFEF3D)
YUV	213.9240, -75.3915, 7.9597
Hunter-Lab	88.1804, -28.5279, 50.8685

Details

The Hex color **DFEF3D** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **4D3DEF**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFF79**, and **A4B700** is the 20% darker color. If you saturate the color by 10%, you get **DDEF25**, and if you desaturate by 10%, it is **E1EF55**.

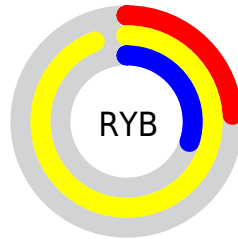
Distribution



Red (87%)

Green (94%)

Blue (24%)



Red (24%)

Yellow (94%)

Blue (30%)

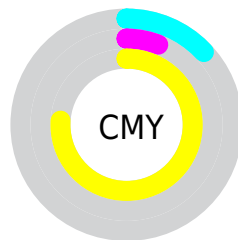


Cyan (7%)

Magenta (0%)

Yellow (74%)

Black (6%)



Cyan (13%)

Magenta (6%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFEF3D 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 DFEF3D by changing the saturation by 10% instead.

 DFEF3D

 DFEF3D

FFFFFF

 C1D315

 FFFF79

 A4B700

 FFFF96

 879C00

 FFFFB3


 6B8200

 FFFF00

 4F6900

 FFFFEE

 335100

 173A00

 002400

 000500

 DFEF3D

 DFEF3D

 DDEF25

 E1EF55

 DBEF0D

 E3EF6D

 DAEF00

 E5EF85

 E8EF9D

 EAEFB5

 ECEFCC

 EEEFE4

 F0EFFC

 F2EFFF

Harmonies

Analogous

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



FFD53D



D9E93D



80FF75

Triad

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



DFEF3D



00FFFF



FF9EFF

Complementary

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



DFEF3D



4D3DEF

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.



FFBAFF



DFEF3D



00F6FF

Square

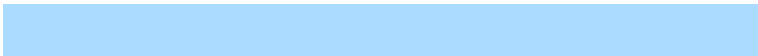
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DFEF3D



00FFFF



ABDCFF



FF9CB7

Rectangle

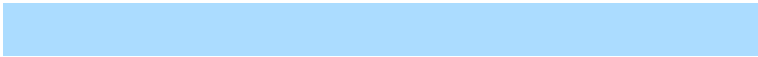
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFEF3D



00FFA7



ABDCFF



FFA5FF

Sweetspot

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



DDEF3D



FAFFC7



EF4C3D



7D805E



000000



808080

Same Dimension

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



DFEF3D



EBFF1C



87EF3D



77786C



A7B800



333800

Inverse Universe

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



4D3DEF



301CFF



A53DEF



6D6C78



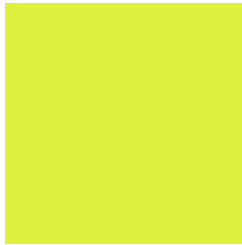
1100B8



050038

Previews

White Background



This preview shows how the Hex color DFEF3D looks on a white background.

Color Contrast Check

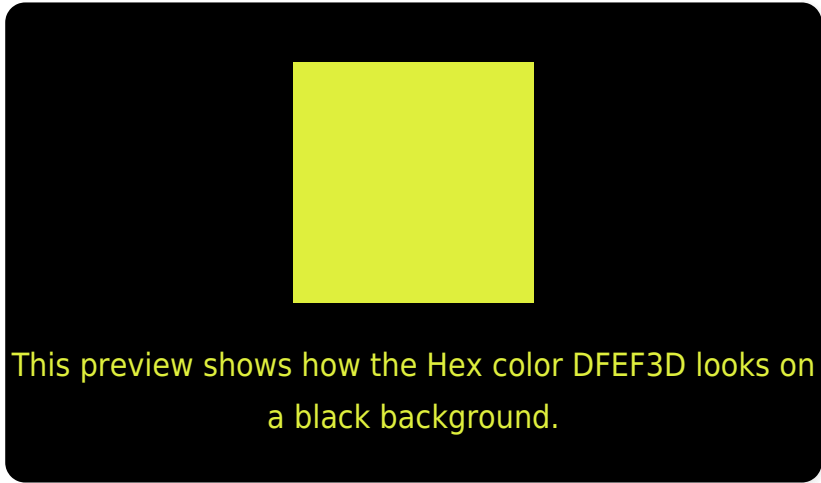
Large Text (above 18pt) WCAG AA × Fail

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 DFEF3D Background



This preview shows how black text looks on a background with the Hex color DFEF3D.

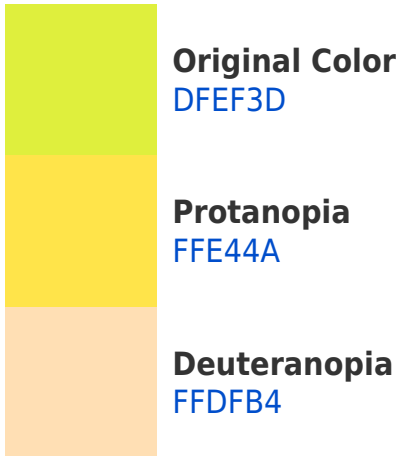


This preview shows how white text looks on a background with the Hex color DFEF3D.

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](#).

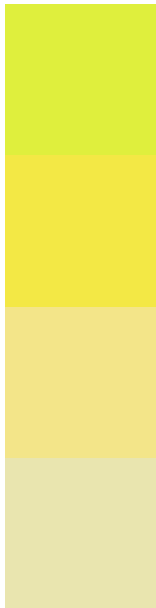
Dichromacy





Tritanopia
EFDFF0

Trichromacy



Original Color
DFEF3D

Protanomaly
F3E845

Deuteranomaly
F3E589

Tritanomaly
E9E5AF

Monochromacy



Original Color
DFEF3D

Achromatopsia
D6D6D6

Achromatomaly
D9DF9E

CSS Examples

Text

The CSS property to change the color of the text to Hex DFEF3D 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 #DFEF3D looks like.

```
.text, #text, p{  
    color:#DFEF3D  
}
```

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 #DFEF3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFEF3D
}
```

Border

The CSS property to change the border of an element to Hex DFEF3D 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
#DFEF3D }
```

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

```
.border{ border-color:#DFEF3D }
```

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

Here you see how a box with a 4 pixel #DFEF3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFEF3D; -webkit-box-shadow:4px 4px  
4px 4px #DFEF3D; box-shadow:4px 4px 4px  
4px #DFEF3D }
```

Background

The CSS property to change the background color of an element to Hex DFEF3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFEF3D }
```

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

```
.background{ background-color:#DFEF3D }
```

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