

Converting Colors

Hex(DFE87D)

Have a look what the booklet for
Hex(DFE87D) contains.

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Color

Hex(DFE87D)

Conversions

Conversions Part 1

Format	Color
Hex	DFE87D
RGB	223, 232, 125
RGB Percent	87%, 91%, 49%
CMY	0.1255, 0.0902, 0.5098
CMYK	0.04, 0.00, 0.46, 0.09
HSL	65°, 70%, 70%
HSV	65°, 46%, 91%
XYZ	62.9897, 74.8819, 30.5358
YIQ	217.1110, 28.9830, -35.1850

Conversions

Conversions Part 2

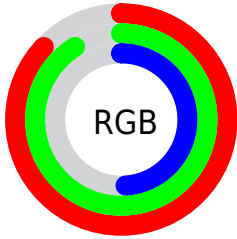
Format	Color
RYB	125, 232, 134
Decimal	14674045
CIELab	89.34, -18.11, 50.70
CIELCh	89, 53.843, 109.660
Yxy	74.8819, 0.3740, 0.4446
Android (android.graphics.Color)	4292864125 (0xFFDFE87D)
YUV	217.1110, -45.4107, 5.1647
Hunter-Lab	86.5343, -21.5020, 39.6521

Details

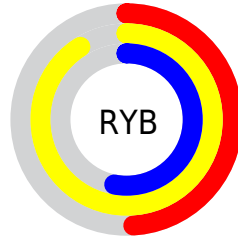
The Hex color **DFE87D** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **867DE8**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFB4**, and **A6B049** is the 20% darker color. If you saturate the color by 10%, you get **DDE866**, and if you desaturate by 10%, it is **E1E894**.

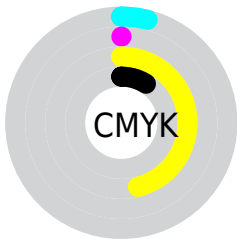
Distribution



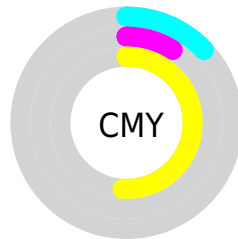
- Red (87%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (46%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFE87D 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 DFE87D by changing the saturation by 10% instead.

 DFE87D

FFFFFF

 FFFFB4

 FFFFD0

 FFFFED

 DFE87D

 C2CC63

 A6B049

 8A962E

 6F7C11

 556300

 3C4B00

 223500

 052000

 000000

 DFE87D

 DFE87D

 DDE866

 E1E894

 DBE84F

 E3E8AB

 D9E837

 E5E8C3

 D7E820

 E7E8DA

 D5E809

 E9E8F1

 D4E800

 EBE8FF

 EDE8FF

 EFE8FF

 F1E8FF

Harmonies

Analogous

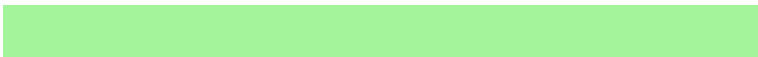
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD77A



DFE87D



A4F49C

Triad

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



DFE87D



00F6FF



FFB9F5

Complementary

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



DFE87D



867DE8

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.



FFC7FF



DFE87D



67EBFF

Square

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



DFE87D



00FBFF



CADAFF



FFB8C1

Rectangle

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



DFE87D



74F9BB



CADAFF



FFBCFF

Sweetspot

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



DFE87D



FCFFDB



E8867D



7E806A



000000



808080

Same Dimension

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



DFE87D



F3FF73



AAE87D



727367



A3B300



2F3300

Inverse Universe

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



867DE8



7F73FF



BB7DE8



686773



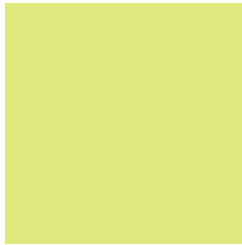
0F00B3



040033

Previews

White Background



This preview shows how the Hex color DFE87D 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



This preview shows how the Hex color DFE87D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

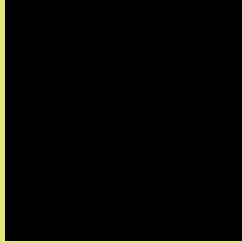
Any Text WCAG AA ✓ Pass

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 DFE87D Background



This preview shows how black text looks on a background with the Hex color DFE87D.

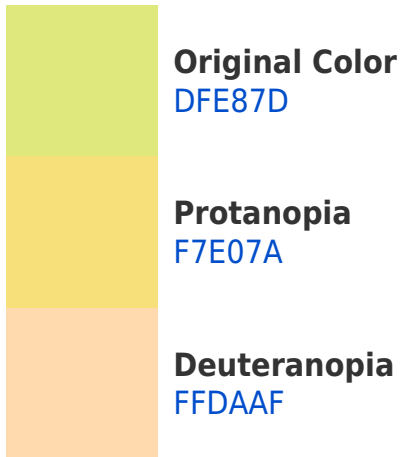


This preview shows how white text looks on a background with the Hex color DFE87D.

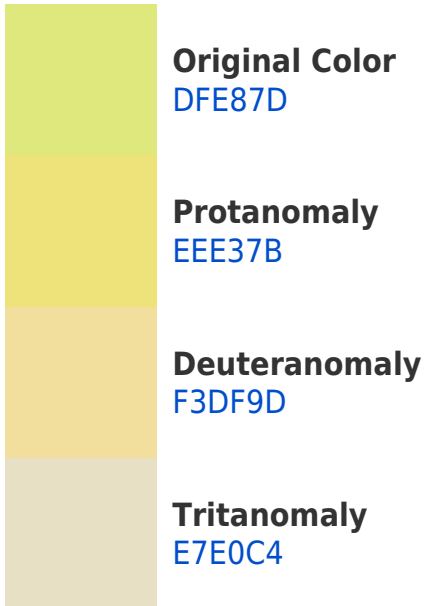
Color Blindness Simulation

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 DFE87D 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 #DFE87D looks like.

```
.text, #text, p{  
    color:#DFE87D  
}
```

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 #DFE87D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFE87D  
}
```

Border

The CSS property to change the border of an element to Hex DFE87D 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  
#DFE87D }
```

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

```
.border{ border-color:#DFE87D }
```

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

Here you see how a box with a 4 pixel #DFE87D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFE87D; -webkit-box-shadow:4px 4px  
4px 4px #DFE87D; box-shadow:4px 4px 4px  
4px #DFE87D }
```

Background

The CSS property to change the background color of an element to Hex DFE87D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFE87D }
```

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

```
.background{ background-color:#DFE87D }
```

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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