

Converting Colors

Hex(DEF37E)

Have a look what the booklet for
Hex(DEF37E) contains.

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Color

Hex(DEF37E)

Conversions

Conversions Part 1

Format	Color
Hex	DEF37E
RGB	222, 243, 126
RGB Percent	87%, 95%, 49%
CMY	0.1294, 0.0471, 0.5059
CMYK	0.09, 0.00, 0.48, 0.05
HSL	71°, 83%, 72%
HSV	71°, 48%, 95%
XYZ	65.9407, 81.1371, 31.9243
YIQ	223.3830, 25.0410, -40.8390

Conversions

Conversions Part 2

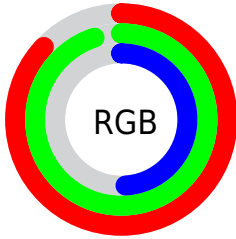
Format	Color
R _Y B	126, 243, 147
Decimal	14611326
CIE Lab	92.19, -23.72, 53.67
CIE LCh	92, 58.679, 113.840
Yxy	81.1371, 0.3684, 0.4533
Android (android.graphics.Color)	4292801406 (0xFFDEF37E)
YUV	223.3830, -48.0098, -1.2129
Hunter-Lab	90.0762, -26.9615, 42.0401

Details

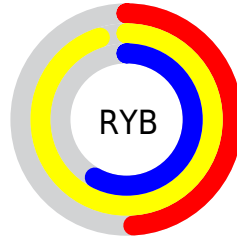
The Hex color **DEF37E** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **937EF3**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFB5**, and **A5BB49** is the 20% darker color. If you saturate the color by 10%, you get **DAF366**, and if you desaturate by 10%, it is **E2F396**.

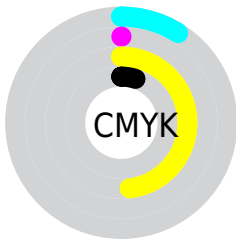
Distribution



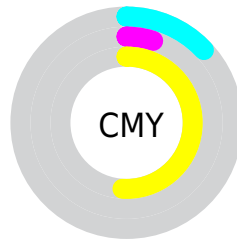
- Red (87%)
- Green (95%)
- Blue (49%)



- Red (49%)
- Yellow (95%)
- Blue (58%)



- Cyan (9%)
- Magenta (0%)
- Yellow (48%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEF37E 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 DEF37E by changing the saturation by 10% instead.

 DEF37E

 DEF37E

FFFFFF

 C1D763

 FFFFB5

 A5BB49

 FFFFD1

 89A02E

 FFFFEE

 6E860E

 546C00

 3A5400

 203D00

 022700

 000E00

 DEF37E

 DEF37E

 DAF366

 E2F396

 D5F34D

 E7F3AF

 D1F335

 EBF3C7

 CDF31D

 EFF3DF

 C8F304

 F4F3F7

 C7F300

 F8F3FF

 FDF3FF

 FFF3FF

Harmonies

Analogous

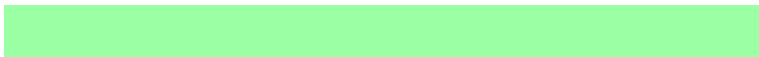
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE176



DEF37E



9BFFA4

Triad

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



DEF37E



00FFFF



FFBBF7

Complementary

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



DEF37E



937EF3

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.



FFC9FF



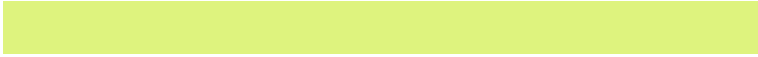
DEF37E



6EF2FF

Square

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



DEF37E



00FFFF



DCDEFF



FFBDBE

Rectangle

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



DEF37E



60FFC7



DCDEFF



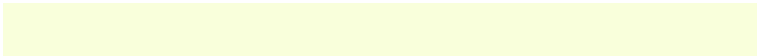
FFBEFF

Sweetspot

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



DEF37E



F9FFDB



F3917E



7C806A



000000



808080

Same Dimension

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



DEF37E



E4FF6B



A5F37E



787A6E



99BA00



303B00

Inverse Universe

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



937EF3



866BFF



CC7EF3



706E7A



2100BA



0B003B

Previews

White Background



This preview shows how the Hex color DEF37E looks on a white background.

Color Contrast Check

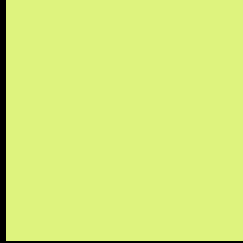
Large Text (above 18pt) WCAG AA × Fail

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 DEF37E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

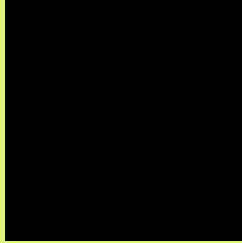
Any Text WCAG AA ✓ Pass

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 DEF37E Background



This preview shows how black text looks on a background with the Hex color DEF37E.

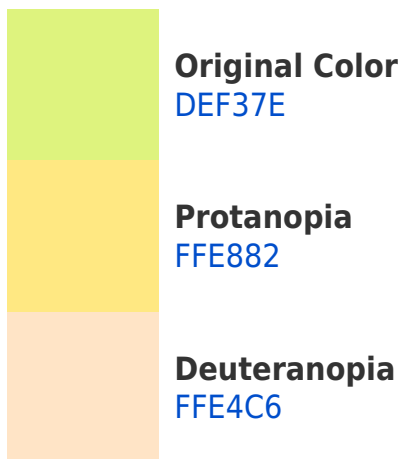


This preview shows how white text looks on a background with the Hex color DEF37E.

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](#).

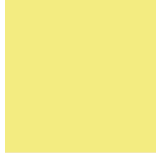
Dichromacy



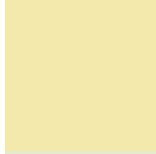
Trichromacy



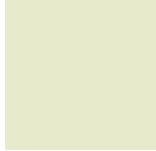
Original Color
DEF37E



Protanomaly
F3EC81



Deuteranomaly
F3E9AC

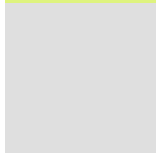


Tritanomaly
E7EACB

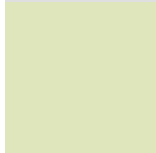
Monochromacy



Original Color
DEF37E



Achromatopsia
DFDFDF



Achromatomaly
DFE6BC

CSS Examples

Text

The CSS property to change the color of the text to Hex DEF37E 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 #DEF37E looks like.

```
.text, #text, p{  
    color:#DEF37E  
}
```

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 #DEF37E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEF37E
}
```

Border

The CSS property to change the border of an element to Hex DEF37E 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
#DEF37E }
```

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

```
.border{ border-color:#DEF37E }
```

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

Here you see how a box with a 4 pixel #DEF37E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEF37E; -webkit-box-shadow:4px 4px  
4px 4px #DEF37E; box-shadow:4px 4px 4px  
4px #DEF37E }
```

Background

The CSS property to change the background color of an element to Hex DEF37E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEF37E }
```

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

```
.background{ background-color:#DEF37E }
```

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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