

Converting Colors

Hex(DEEA70)

Have a look what the booklet for
Hex(DEEA70) contains.

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Color

Hex(DEEA70)

Conversions

Conversions Part 1

Format	Color
Hex	DEEA70
RGB	222, 234, 112
RGB Percent	87%, 92%, 44%
CMY	0.1294, 0.0824, 0.5608
CMYK	0.05, 0.00, 0.52, 0.08
HSL	66°, 74%, 68%
HSV	66°, 52%, 92%
XYZ	62.4716, 75.5451, 26.6183
YIQ	216.5040, 32.0100, -40.4860

Conversions

Conversions Part 2

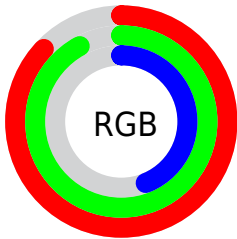
Format	Color
RYB	112, 234, 124
Decimal	14609008
CIELab	89.65, -20.65, 57.10
CIELCh	90, 60.715, 109.883
Yxy	75.5451, 0.3795, 0.4589
Android (android.graphics.Color)	4292799088 (0xFFDEEA70)
YUV	216.5040, -51.5205, 4.8200
Hunter-Lab	86.9167, -23.8067, 42.6841

Details

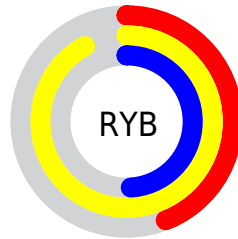
The Hex color **DEEA70** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7C70EA**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFA7**, and **A5B23A** is the 20% darker color. If you saturate the color by 10%, you get **DCEA59**, and if you desaturate by 10%, it is **E0EA87**.

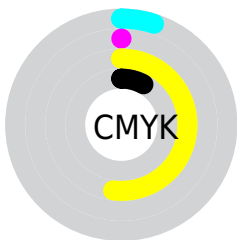
Distribution



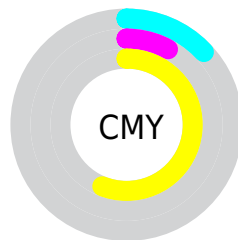
- Red (87%)
- Green (92%)
- Blue (44%)



- Red (44%)
- Yellow (92%)
- Blue (49%)



- Cyan (5%)
- Magenta (0%)
- Yellow (52%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEEA70 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 DEEA70 by changing the saturation by 10% instead.

 DEEA70

 DEEA70

FFFFFF

 C1CE55

 FFFFA7

 A5B23A

 FFFFC3

 89981D

 FFFFEO

 6D7E00

FFFFFFD

 536500

 394D00

 1F3600

 002100

 000000

 DEEA70

 DEEA70

 DCEA59

 E0EA87

 D9EA41

 E3EA9F

 D7EA2A

 E5EAB6

 D5EA12

 E7EACE

 D3EA00

 EAEAE5

 ECEAFC

 EEEAFF

 F0EAFF

 F3EAFF

Harmonies

Analogous

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



FFD76D



DEEA70



9AF794

Triad

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



DEEA70



00FAFF



FFB3F8

Complementary

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



DEEA70



7C70EA

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.



FFC3FF



DEEA70



3CEDFF

Square

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



DEEA70



00FFFF



C6DAFF



FFB3BD

Rectangle

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



DEEA70



5EFCB7



C6DAFF



FFB7FF

Sweetspot

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



DEEA70



FBFFD6



EA7A70



7D8067



000000



808080

Same Dimension

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



DEEA70



EFFF5E



A3EA70



74756A



A3B500



303600

Inverse Universe

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



7C70EA



6E5EFF



B770EA



6B6A75



1200B5



050036

Previews

White Background



This preview shows how the Hex color DEEA70 looks on a white background.

Color Contrast Check

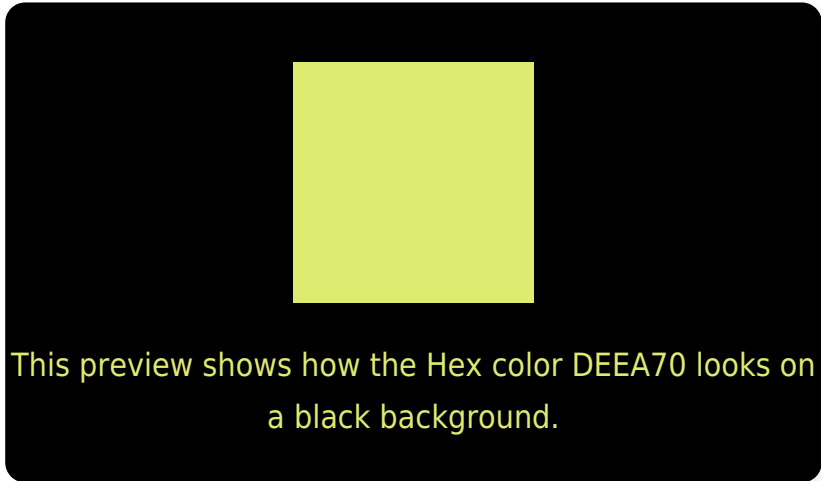
Large Text (above 18pt) WCAG AA × Fail

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 DEEA70 Background



This preview shows how black text looks on a background with the Hex color DEEA70.

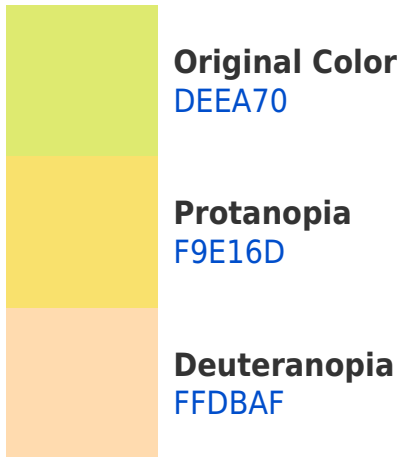


This preview shows how white text looks on a background with the Hex color DEEA70.

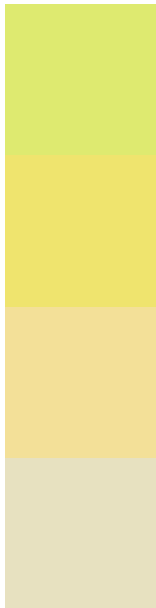
Color Blindness Simulation

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



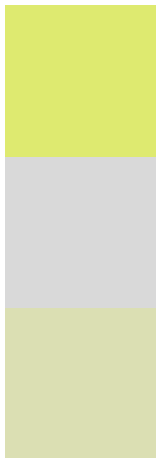
Original Color
DEEA70

Protanomaly
EFE46E

Deuteranomaly
F3E098

Tritanomaly
E7E1C0

Monochromacy



Original Color
DEEA70

Achromatopsia
D9D9D9

Achromatomaly
DBDFB3

CSS Examples

Text

The CSS property to change the color of the text to Hex DEEA70 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 #DEEA70 looks like.

```
.text, #text, p{  
    color:#DEEA70  
}
```

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 #DEEA70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEEA70  
}
```

Border

The CSS property to change the border of an element to Hex DEEA70 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  
#DEEA70 }
```

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

```
.border{ border-color:#DEEA70 }
```

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

Here you see how a box with a 4 pixel #DEEA70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEEA70; -webkit-box-shadow:4px 4px  
4px 4px #DEEA70; box-shadow:4px 4px 4px  
4px #DEEA70 }
```

Background

The CSS property to change the background color of an element to Hex DEEA70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEEA70 }
```

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

```
.background{ background-color:#DEEA70 }
```

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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