

Converting Colors

Hex(DEE16A)

Have a look what the booklet for
Hex(DEE16A) contains.

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Color

Hex(D EE16A)

Conversions

Conversions Part 1

Format	Color
Hex	DEE16A
RGB	222, 225, 106
RGB Percent	87%, 88%, 42%
CMY	0.1294, 0.1176, 0.5843
CMYK	0.01, 0.00, 0.53, 0.12
HSL	62°, 66%, 65%
HSV	62°, 53%, 88%
XYZ	59.6509, 70.4206, 24.0843
YIQ	210.5370, 36.4110, -37.6450

Conversions

Conversions Part 2

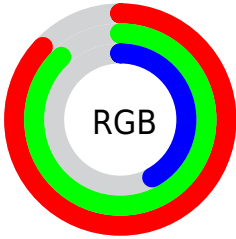
Format	Color
R _Y B	106, 225, 109
Decimal	14606698
CIE Lab	87.20, -16.75, 56.98
CIE LCh	87, 59.394, 106.385
Yxy	70.4206, 0.3870, 0.4568
Android (android.graphics.Color)	4292796778 (0xFFDEE16A)
YUV	210.5370, -51.5367, 10.0531
Hunter-Lab	83.9170, -19.9711, 41.7256

Details

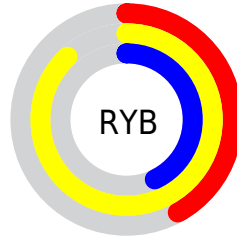
The Hex color **DEE16A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6D6AE1**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFA0**, and **A4AA34** is the 20% darker color. If you saturate the color by 10%, you get **DDE154**, and if you desaturate by 10%, it is **DFE181**.

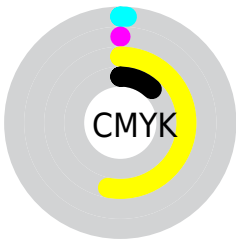
Distribution



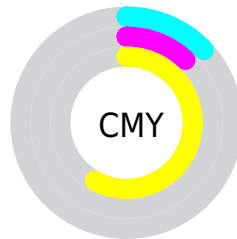
- Red (87%)
- Green (88%)
- Blue (42%)



- Red (42%)
- Yellow (88%)
- Blue (43%)



- Cyan (1%)
- Magenta (0%)
- Yellow (53%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEE16A 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 DEE16A by changing the saturation by 10% instead.

 DEE16A

 DEE16A

FFFFFF

 C1C54F

 FFFFA0

 A4AA34

 FFFFBC

 899016

 FFFFD9

 6D7600

 FFFFF6

 535D00

 394600

 1F3000

 001C00

 000000

 DEE16A

 DEE16A

 DDE154

 DFE181

 DDE13D

 DFE197

 DCE127

 E0E1AD

 DCE110

 E0E1C4

 DBE100

 E1E1DB

 E1E1F1

 E2E1FF

 E3E1FF

Harmonies

Analogous

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



FFCE6B



DEE16A



9EEE8A

Triad

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



DEE16A



00F3FF



FFAEF7

Complementary

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



DEE16A



6D6AE1

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.



FFC0FF



DEE16A



01E8FF

Square

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



DEE16A



00F7F8



B5D6FF



FFACBE

Rectangle

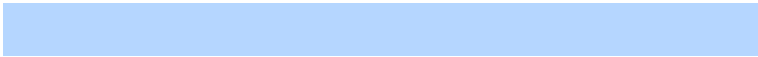
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEE16A



67F4AB



B5D6FF



FFB3FF

Sweetspot

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



DEE16A



FEFFD6



E16C6A



7F8067



000000



808080

Same Dimension

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



DEE16A



FBFF5E



A4E16A



707065



ACB000



2F3000

Inverse Universe

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



6D6AE1



625EFF



A76AE1



656570



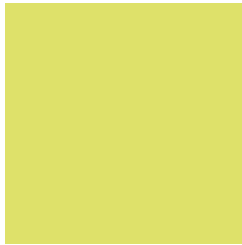
0400B0



010030

Previews

White Background



This preview shows how the Hex color DEE16A looks on a white background.

Color Contrast Check

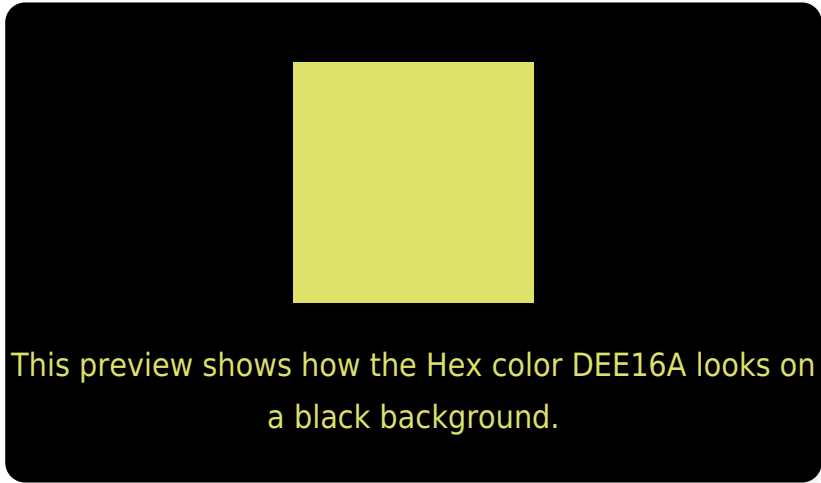
Large Text (above 18pt) WCAG AA × Fail

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 DEE16A Background



This preview shows how black text looks on a background with the Hex color DEE16A.

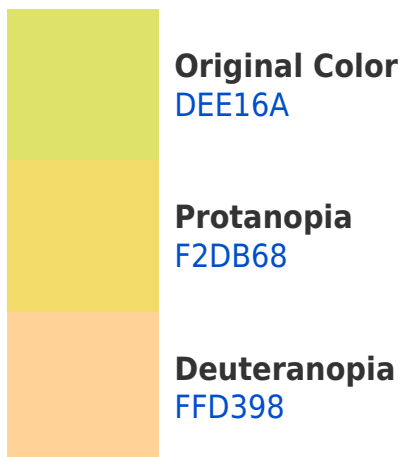


This preview shows how white text looks on a background with the Hex color DEE16A.

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](#).

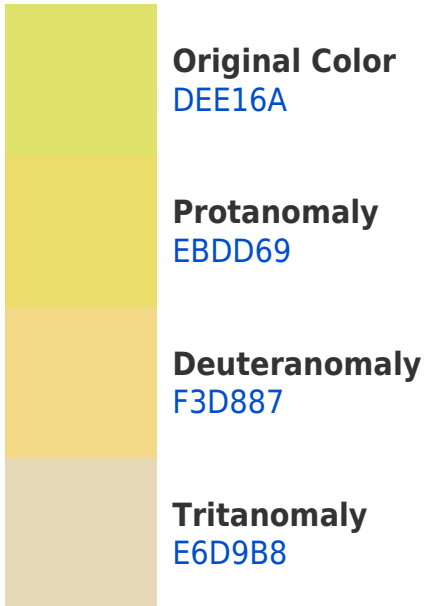
Dichromacy





Tritanopia
EBD4E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEE16A 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 #DEE16A looks like.

```
.text, #text, p{  
    color:#DEE16A  
}
```

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 #DEE16A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEE16A
}
```

Border

The CSS property to change the border of an element to Hex DEE16A 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
#DEE16A }
```

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

```
.border{ border-color:#DEE16A }
```

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

Here you see how a box with a 4 pixel #DEE16A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEE16A; -webkit-box-shadow:4px 4px  
4px 4px #DEE16A; box-shadow:4px 4px 4px  
4px #DEE16A }
```

Background

The CSS property to change the background color of an element to Hex DEE16A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEE16A }
```

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

```
.background{ background-color:#DEE16A }
```

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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