

Converting Colors

Hex(DED AFF)

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

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Color

Hex(DED AFF)

Conversions

Conversions Part 1

Format	Color
Hex	DEDAFF
RGB	222, 218, 255
RGB Percent	87%, 85%, 100%
CMY	0.1294, 0.1451, 0.0000
CMYK	0.13, 0.15, 0.00, 0.00
HSL	246°, 100%, 93%
HSV	246°, 15%, 100%
XYZ	73.2456, 72.8924, 104.8169
YIQ	223.4140, -9.4930, 12.3550

Conversions

Conversions Part 2

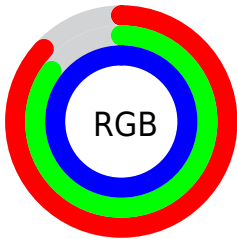
Format	Color
R _Y B	222, 218, 255
Decimal	14605055
CIE Lab	88.40, 8.42, -17.49
CIE LCh	88, 19.408, 295.720
Yxy	72.8924, 0.2919, 0.2905
Android (android.graphics.Color)	4292795135 (0xFFDEDAFF)
YUV	223.4140, 15.5719, -1.2401
Hunter-Lab	85.3770, 3.7266, -13.0261

Details

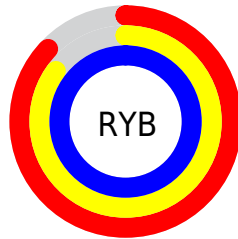
The Hex color **DEDAFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FBFFDA**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **A7A3C6** is the 20% darker color. If you saturate the color by 10%, you get **C7C1FF**, and if you desaturate by 10%, it is **F5F3FF**.

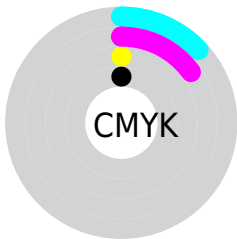
Distribution



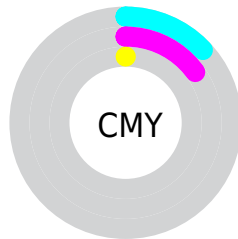
- Red (87%)
- Green (85%)
- Blue (100%)



- Red (87%)
- Yellow (85%)
- Blue (100%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 DEDAFF

 DEDAFF

FFFFFF

 C2BEE2

 A7A3C6

 8C89AB

 727090

 5A5777

 42405E

 2B2A46

 151630

 00001B

 DEDAFF

 DEDAFF

 C7C1FF

 F5F3FF

 B1A7FF

FFFFFF

 9A8EFF

 8374FF

 6C5AFF

 5641FF

 3F27FF

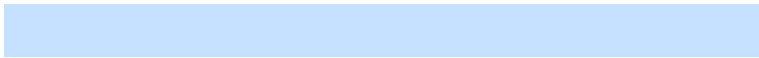
 280EFF

 1C00FF

Harmonies

Analogous

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



C6E0FF



DEDAFF



F4D4F3

Triad

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



DEDAFF



FED6C0



B5E9DA

Complementary

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



DEDAFF



FBFFDA

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.



C6E6C9



DEDAFF



EFDCB9

Square

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



DEDAFF



FFD2CF



DBE2BC



ADE8ED

Rectangle

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



DEDAFF



FED2E7



DBE2BC



BAE8D4

Sweetspot

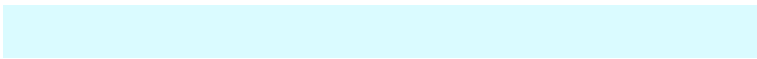
The Sweet Spot groups the original color and five complimentary colors.



DEDAFF



F6F5FF



DAFBFF



7A7980



000000



808080

Same Dimension

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



DEDAFF



D8D4FF



F0DAFF



747380



1500BF



070040

Inverse Universe

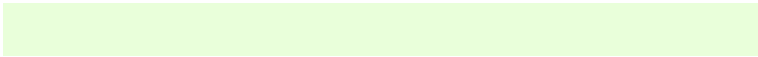
The Inverse Universe completely reimagines the original color for something new.



FFDAFB



FFD4FA



E9FFDA



80737E



BF00AB



400039

Previews

White Background



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

Color Contrast Check

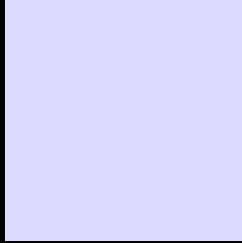
Large Text (above 18pt) WCAG AA × Fail

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 DEDAFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

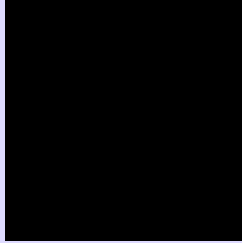
Any Text WCAG AA ✓ Pass

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 DEDAFF Background



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



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

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

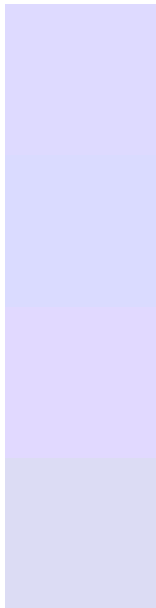


Original Color
DEDAFF

Protanopia
D8DCFF

Deuteranopia
E3D8FF

Trichromacy



Original Color
DEDAFF

Protanomaly
DADBFF

Deuteranomaly
E1D9FF

Tritanomaly
DCDCF4

Monochromacy



Original Color
DEDAFF

Achromatopsia
DFDFDF

Achromatomaly
DFDDEB

CSS Examples

Text

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

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

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 #DEDAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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