

Converting Colors

Hex(DEABFF)

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

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Color

Hex(DEABFF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DEABFF |
| RGB | 222, 171, 255 |
| RGB Percent | 87%, 67%, 100% |
| CMY | 0.1294, 0.3294, 0.0000 |
| CMYK | 0.13, 0.33, 0.00, 0.00 |
| HSL | 276°, 100%, 84% |
| HSV | 276°, 33%, 100% |
| XYZ | 62.7371, 51.8754, 101.3141 |
| YIQ | 195.8250, 3.4320, 36.9360 |

Conversions

Conversions Part 2

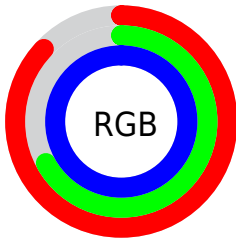
| Format | Color |
|-------------------------------------|--|
| RYB | 222, 171, 255 |
| Decimal | 14593023 |
| CIELab | 77.21, 33.59, -34.55 |
| CIElCh | 77, 48.191, 314.192 |
| Yxy | 51.8754, 0.2905, 0.2402 |
| Android (android.graphics.Color) | 4292783103 (0xFFDEABFF) |
| YUV | 195.8250, 29.1733, 22.9555 |
| Hunter-Lab | 72.0246, 29.4396, -32.9836 |

Details

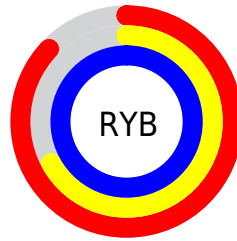
The Hex color **DEABFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CCFFAB**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFE3FF**, and **A676C6** is the 20% darker color. If you saturate the color by 10%, you get **D492FF**, and if you desaturate by 10%, it is **E8C4FF**.

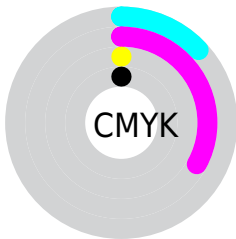
Distribution



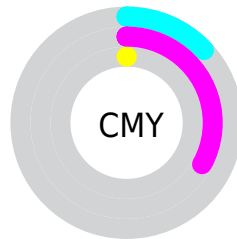
- Red (87%)
- Green (67%)
- Blue (100%)



- Red (87%)
- Yellow (67%)
- Blue (100%)



- Cyan (13%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 DEABFF

 DEABFF

FFFFFF

 C290E2

 FFE3FF

 A676C6

 8B5DAA

 704490

 572D76

 3E155D

 250045

 0E002E

 000118

 DEABFF

 DEABFF

 D492FF

 E8C4FF

 CA78FF

 F2DEFF

 C05FFF

 FCF8FF

 B645FF

FFFFFF

 AC2CFF

 A212FF

 9B00FF

Harmonies

Analogous

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



9EBCFF



DEABFF



FF9ED8

Triad

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



DEABFF



EFB468



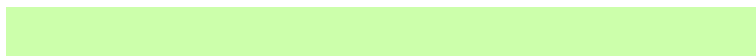
00D6D3

Complementary

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



DEABFF



CCFFAB

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.



55D4A5



DEABFF



C6C366

Square

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



DEABFF



FFA482



94CE7D



00D3FC

Rectangle

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



DEABFF



FF9ABA



94CE7D



00D6C4

Sweetspot

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



DEABFF



F5E6FF



ABCDFE



797080



000000



808080

Same Dimension

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



DEABFF



D799FF



FFABF7



7A7380



7400BF



270040

Inverse Universe

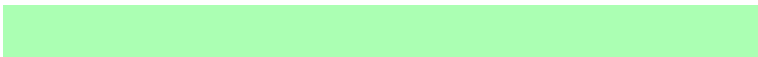
The Inverse Universe completely reimagines the original color for something new.



FFABCC



FF99C1



ABFFB3



807378



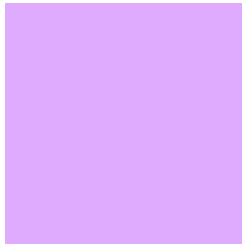
BF004B



400019

Previews

White Background



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

Color Contrast Check

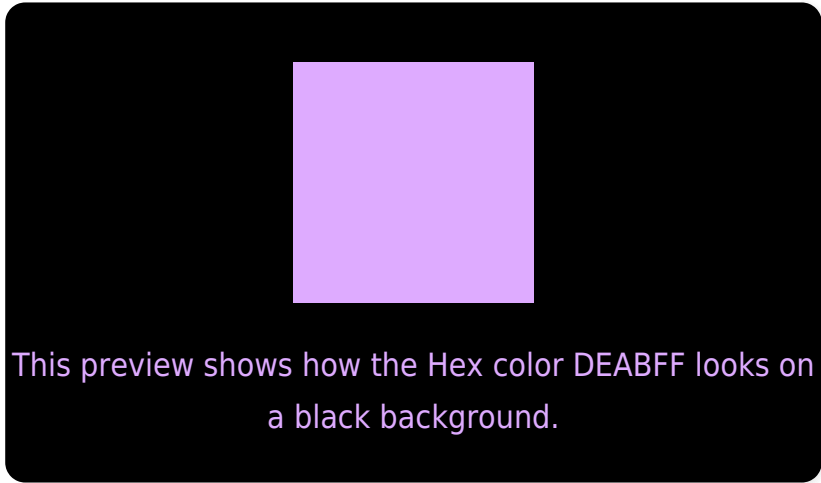
Large Text (above 18pt) WCAG AA × Fail

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 DEABFF Background



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



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

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](#).

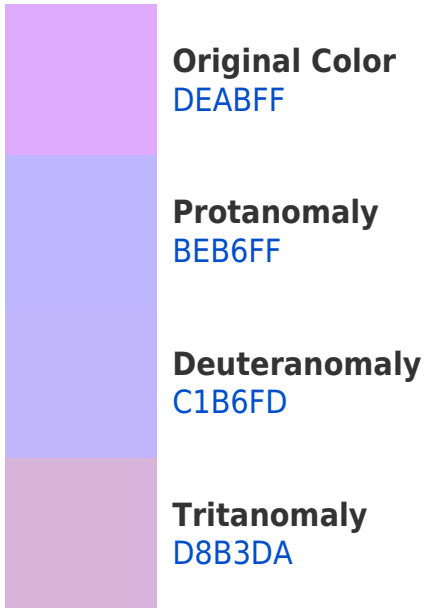
Dichromacy



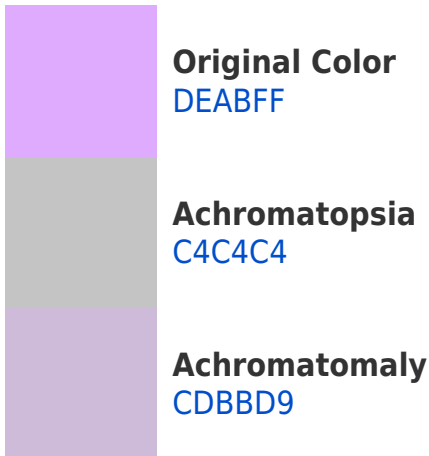


Tritanopia
D5B7C5

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #DEABFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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