

Converting Colors

Hex(DEA5FB)

Have a look what the booklet for
Hex(DEA5FB) contains.

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Color

Hex(DEA5FB)

Conversions

Conversions Part 1

Format	Color
Hex	DEA5FB
RGB	222, 165, 251
RGB Percent	87%, 65%, 98%
CMY	0.1294, 0.3529, 0.0157
CMYK	0.12, 0.34, 0.00, 0.02
HSL	280°, 91%, 82%
HSV	280°, 34%, 98%
XYZ	60.9919, 49.4049, 97.5883
YIQ	191.8470, 6.3660, 38.8300

Conversions

Conversions Part 2

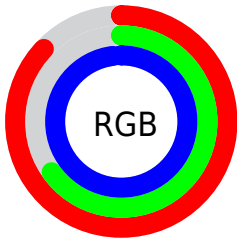
Format	Color
R _Y B	222, 165, 251
Decimal	14591483
CIE Lab	75.70, 36.00, -34.72
CIE LCh	76, 50.016, 316.034
Yxy	49.4049, 0.2933, 0.2375
Android (android.graphics.Color)	4292781563 (0xFFDEA5FB)
YUV	191.8470, 29.1624, 26.4442
Hunter-Lab	70.2886, 31.8857, -33.1158

Details

The Hex color **DEA5FB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C2FBA5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFDDFF**, and **A670C2** is the 20% darker color. If you saturate the color by 10%, you get **D68CFB**, and if you desaturate by 10%, it is **E6BEFB**.

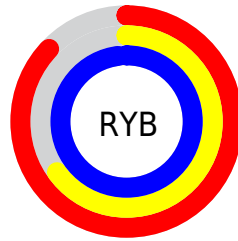
Distribution



Red (87%)

Green (65%)

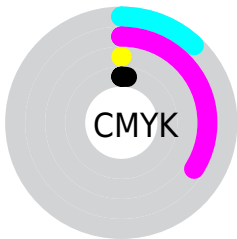
Blue (98%)



Red (87%)

Yellow (65%)

Blue (98%)

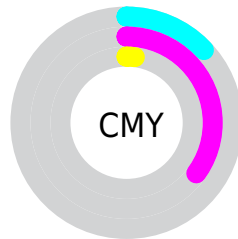


Cyan (12%)

Magenta (34%)

Yellow (0%)

Black (2%)



Cyan (13%)

Magenta (35%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEA5FB 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 DEA5FB by changing the saturation by 10% instead.

 #DEA5FB

 #DEA5FB

#FFFFFF

 #C28ADE

 #FFDDEF

 #A670C2

 #FFF9FF

 #8B57A7

 #703F8C

 #562772

 #3D0E59

 #250041

 #09002B

 #000115

 DEA5FB

 DEA5FB

 D68CFB

 E6BEFB

 CD73FB


 EFD7FB

 C55AFB

 F7F0FB

 BC41FB

 FFFFFB

 B428FB

 AB0EFB

 A600FB

Harmonies

Analogous

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



9CB7FF



DEA5FB



FF97D2

Triad

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



DEA5FB



E9B060



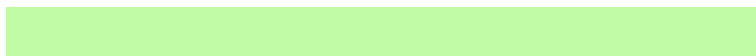
00D2D3

Complementary

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



DEA5FB



C2FBA5

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.



43D1A3



DEA5FB



BEC05F

Square

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



DEA5FB



FFA07A



8ACB78



00CFFC

Rectangle

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



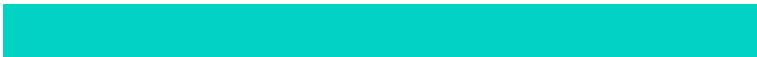
DEA5FB



FF94B3



8ACB78



00D2C3

Sweetspot

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



DEA5FB



F6E6FF



A5C3FB



7A7080



000000



808080

Same Dimension

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



DEA5FB



DC96FF



FBA5EE



79707D



7D00BD



29003D

Inverse Universe

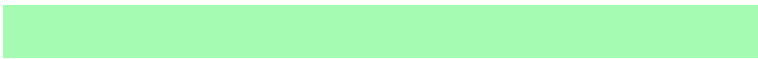
The Inverse Universe completely reimagines the original color for something new.



FBA5C2



FF96BA



A5FBB2



7D7075



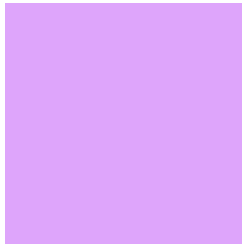
BD0040



3D0015

Previews

White Background



This preview shows how the Hex color DEA5FB 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

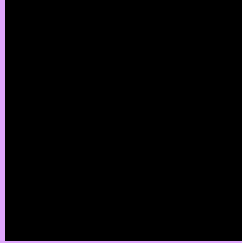
Any Text WCAG AA ✓ Pass

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 DEA5FB Background



This preview shows how black text looks on a background with the Hex color DEA5FB.

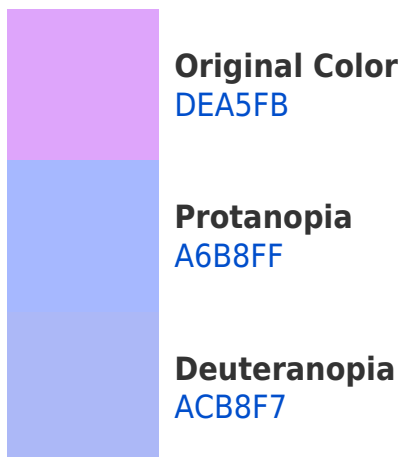


This preview shows how white text looks on a background with the Hex color DEA5FB.

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](#).

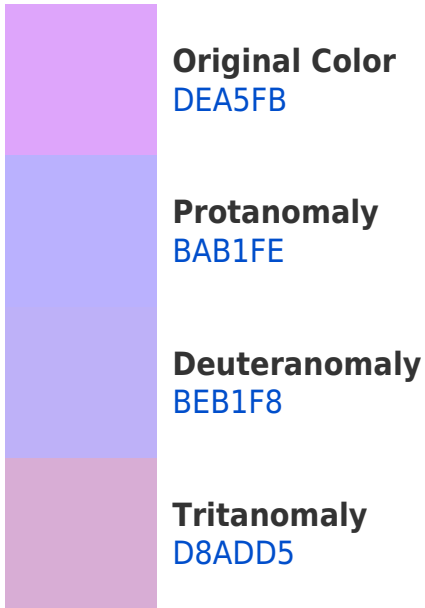
Dichromacy



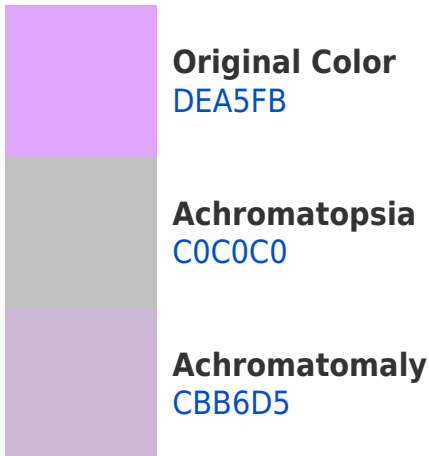


Tritanopia
D5B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEA5FB 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 #DEA5FB looks like.

```
.text, #text, p{  
    color:#DEA5FB  
}
```

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 #DEA5FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA5FB  
}
```

Border

The CSS property to change the border of an element to Hex DEA5FB 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  
#DEA5FB }
```

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

```
.border{ border-color:#DEA5FB }
```

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

Here you see how a box with a 4 pixel #DEA5FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA5FB; -webkit-box-shadow:4px 4px  
4px 4px #DEA5FB; box-shadow:4px 4px 4px  
4px #DEA5FB }
```

Background

The CSS property to change the background color of an element to Hex DEA5FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA5FB }
```

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

```
.background{ background-color:#DEA5FB }
```

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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