

Converting Colors

Hex(DEBFFF)

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

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Color

Hex(DEBFFF)

Conversions

Conversions Part 1

Format	Color
Hex	DEBFFF
RGB	222, 191, 255
RGB Percent	87%, 75%, 100%
CMY	0.1294, 0.2510, 0.0000
CMYK	0.13, 0.25, 0.00, 0.00
HSL	269°, 100%, 87%
HSV	269°, 25%, 100%
XYZ	66.8050, 60.0112, 102.6701
YIQ	207.5650, -2.0680, 26.4760

Conversions

Conversions Part 2

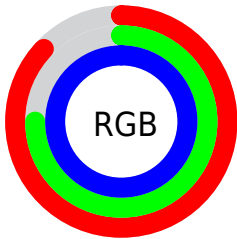
Format	Color
R _Y B	222, 191, 255
Decimal	14598143
CIE Lab	81.84, 22.81, -27.42
CIE LCh	82, 35.673, 309.757
Yxy	60.0112, 0.2911, 0.2615
Android (android.graphics.Color)	4292788223 (0xFFDEBFFF)
YUV	207.5650, 23.3855, 12.6595
Hunter-Lab	77.4669, 18.3657, -24.3526

Details

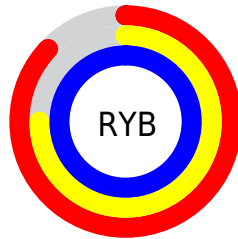
The Hex color **DEBFFF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **E0FFBF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFF8FF**, and **A689C6** is the 20% darker color. If you saturate the color by 10%, you get **D1A6FF**, and if you desaturate by 10%, it is **EBD9FF**.

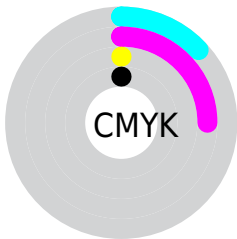
Distribution



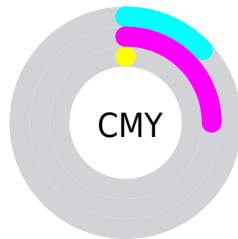
- Red (87%)
- Green (75%)
- Blue (100%)



- Red (87%)
- Yellow (75%)
- Blue (100%)



- Cyan (13%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 DEBFFF

FFFFFF


 FFF8FF

 DEBFFF

 C2A4E2

 A689C6

 8B70AB

 715790

 584076

 40295D

 281445

 16002F

 000119

 DEBFFF

 DEBFFF

 D1A6FF

 EBD9FF

 C48CFF

 F8F2FF

 B773FF

FFFFFF

 A959FF

 9C40FF

 8F26FF

 820DFF

 7C00FF

Harmonies

Analogous

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



B0CBFF



DEBFFF



FFB5E3

Triad

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



DEBFFF



F6C28D



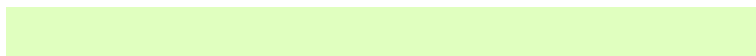
68DED6

Complementary

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



DEBFFF



E0FFBF

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.



8CDCB3



DEBFFF



D8CD89

Square

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



DEBFFF



FFB7A2



B3D697



5EDCF5

Rectangle

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



DEBFFF



FFB2CD



B3D697



73DECA

Sweetspot

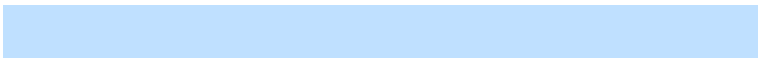
The Sweet Spot groups the original color and five complimentary colors.



DEBFFF



F4EBFF



BFE0FF



797380



000000



808080

Same Dimension

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



DEBFFF



D8B3FF



FEBFFF



797380



5D00BF



1F0040

Inverse Universe

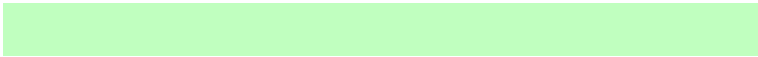
The Inverse Universe completely reimagines the original color for something new.



FFBFE0



FFB3DA



C0FFBF



807379



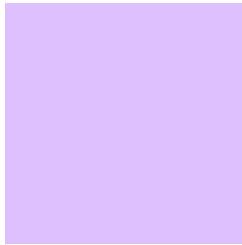
BF0063



400021

Previews

White Background



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

Color Contrast Check

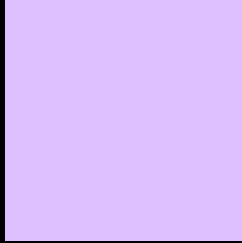
Large Text (above 18pt) WCAG AA × Fail

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 DEBFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

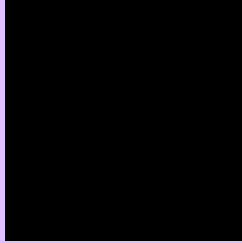
Any Text WCAG AA ✓ Pass

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 DEBFFF Background



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

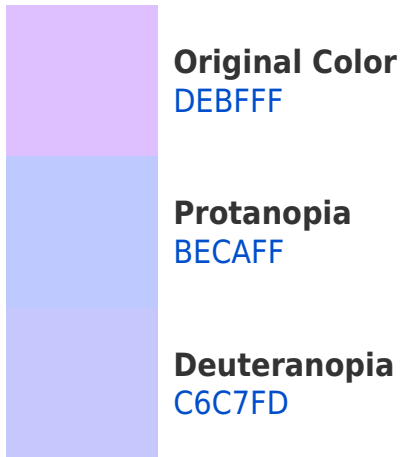


This preview shows how white text looks on a background with the Hex color DEBFFF.

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
D7C7D6

Trichromacy



Original Color
DEBFFF



Protanomaly
CAC6FF



Deuteranomaly
CFC4FE



Tritanomaly
DAC4E5

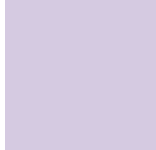
Monochromacy



Original Color
DEBFFF



Achromatopsia
D0D0D0



Achromatomaly
D5CAE1

CSS Examples

Text

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

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

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 #DEBFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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