

Converting Colors

Hex(DBD4FE)

Have a look what the booklet for
Hex(DBD4FE) contains.

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Color

Hex(DBD4FE)

Conversions

Conversions Part 1

Format	Color
Hex	DBD4FE
RGB	219, 212, 254
RGB Percent	86%, 83%, 100%
CMY	0.1412, 0.1686, 0.0039
CMYK	0.14, 0.17, 0.00, 0.00
HSL	250°, 95%, 91%
HSV	250°, 17%, 100%
XYZ	70.6463, 69.3028, 103.4192
YIQ	218.8810, -9.3100, 14.5460

Conversions

Conversions Part 2

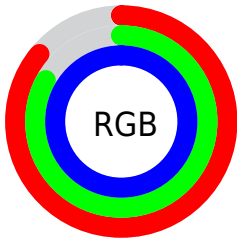
Format	Color
R _Y B	219, 212, 254
Decimal	14406910
CIE Lab	86.65, 10.45, -19.61
CIE LCh	87, 22.217, 298.045
Yxy	69.3028, 0.2903, 0.2848
Android (android.graphics.Color)	4292596990 (0xFFD4BD4FE)
YUV	218.8810, 17.3137, 0.1044
Hunter-Lab	83.2483, 5.7944, -15.3821

Details

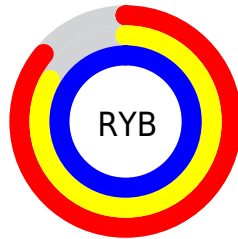
The Hex color **DBD4FE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F7FED4**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **A49DC5** is the 20% darker color. If you saturate the color by 10%, you get **C6BBFE**, and if you desaturate by 10%, it is **F0EDFE**.

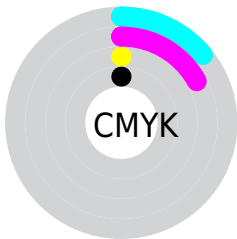
Distribution



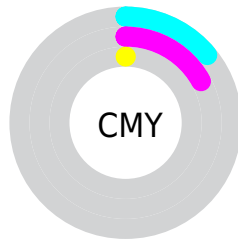
- Red (86%)
- Green (83%)
- Blue (100%)



- Red (86%)
- Yellow (83%)
- Blue (100%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBD4FE 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 DBD4FE by changing the saturation by 10% instead.

■ DBD4FE

FFFFFF

■ DBD4FE

■ BFB8E1

■ A49DC5

■ 8983AA

■ 706A8F

■ 575276

■ 3F3B5D

■ 282545

■ 12112F

■ 00011A

 DBD4FE

 DBD4FE

 C6BBFE


 F0EDFE

 B1A1FE

FFFFFFE

 9B88FE

 866EFE

 7155FE

 5C3CFE

 4722FE

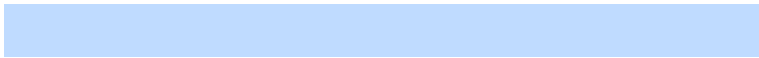
 3209FE

 2A00FE

Harmonies

Analogous

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



BFDBFF



DBD4FE



F3CEFO

Triad

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



DBD4FE



FCD0B6



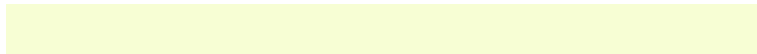
A8E5D7

Complementary

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



DBD4FE



F7FED4

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.



BCE3C2



DBD4FE



EBD7AF

Square

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



DBD4FE



FFCBC6



D4DEB3



A0E5EC

Rectangle

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



DBD4FE



FECBE2



D4DEB3



AEE5CF

Sweetspot

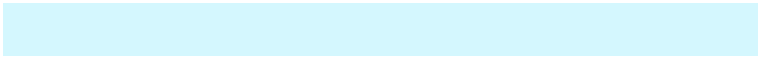
The Sweet Spot groups the original color and five complimentary colors.



DBD4FE



F4F2FF



D4F7FE



797880



000000



808080

Same Dimension

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



DBD4FE



D4CCFF



F0D4FE



757380



2000BF



0B0040

Inverse Universe

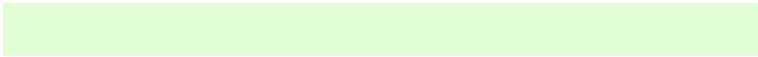
The Inverse Universe completely reimagines the original color for something new.



FED4F7



FFCCF7



E2FED4



80737D



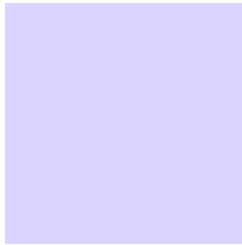
BF009F



400035

Previews

White Background



This preview shows how the Hex color DBD4FE looks on a white background.

Color Contrast Check

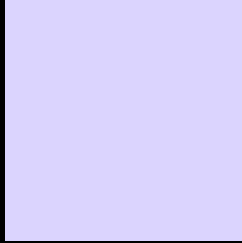
Large Text (above 18pt) WCAG AA × Fail

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 DBD4FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

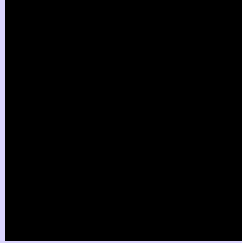
Any Text WCAG AA ✓ Pass

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 DBD4FE Background



This preview shows how black text looks on a background with the Hex color DBD4FE.

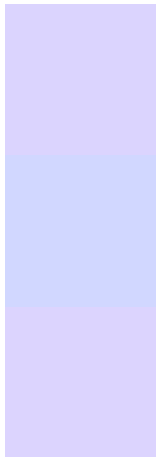


This preview shows how white text looks on a background with the Hex color DBD4FE.

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
DBD4FE

Protanopia
D1D7FF

Deuteranopia
DCD4FE



Tritanopia
D7D8E9

Trichromacy



Original Color
DBD4FE

Protanomaly
D5D6FF

Deuteranomaly
DCD4FE

Tritanomaly
D8D7F1

Monochromacy



Original Color
DBD4FE

Achromatopsia
DBDBDB

Achromatomaly
DBD8E8

CSS Examples

Text

The CSS property to change the color of the text to Hex DBD4FE 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 #DBD4FE looks like.

```
.text, #text, p{  
    color:#DBD4FE  
}
```

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 #DBD4FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBD4FE  
}
```

Border

The CSS property to change the border of an element to Hex DBD4FE 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  
#DBD4FE }
```

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

```
.border{ border-color:#DBD4FE }
```

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

Here you see how a box with a 4 pixel #DBD4FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBD4FE; -webkit-box-shadow:4px 4px  
4px 4px #DBD4FE; box-shadow:4px 4px 4px  
4px #DBD4FE }
```

Background

The CSS property to change the background color of an element to Hex DBD4FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBD4FE }
```

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

```
.background{ background-color:#DBD4FE }
```

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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