

# Converting Colors

Hex(DBF4FB)

Have a look what the booklet for  
Hex(DBF4FB) contains.

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# **Color**

**Hex(DBF4FB)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | DBF4FB                      |
| RGB         | 219, 244, 251               |
| RGB Percent | 86%, 96%, 98%               |
| CMY         | 0.1412, 0.0431, 0.0157      |
| CMYK        | 0.13, 0.03, 0.00, 0.02      |
| HSL         | 193°, 80%, 92%              |
| HSV         | 193°, 13%, 98%              |
| XYZ         | 78.9767, 86.7265, 103.8442  |
| YIQ         | 237.3230, -17.1470, -3.1230 |

# Conversions

## Conversions Part 2

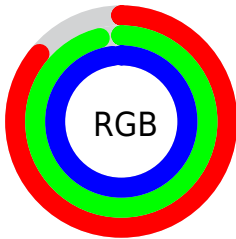
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 219, 233, 251                 |
| Decimal                             | 14415099                      |
| CIE Lab                             | 94.62, -6.76, -6.14           |
| CIE LCh                             | 95, 9.128, 222.259            |
| Yxy                                 | 86.7265, 0.2930,<br>0.3217    |
| Android<br>(android.graphics.Color) | 4292605179<br>(0xFFDBF4FB)    |
| YUV                                 | 237.3230, 6.7428,<br>-16.0693 |
| Hunter-Lab                          | 93.1270, -11.5948,<br>-0.9242 |

# Details

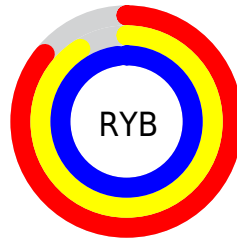
The Hex color **DBF4FB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FBE2DB**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **A4BCC3** is the 20% darker color. If you saturate the color by 10%, you get **C2EFFB**, and if you desaturate by 10%, it is **F4F9FB**.

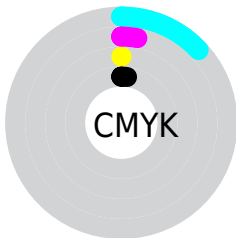
# Distribution



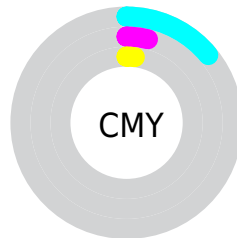
- Red (86%)
- Green (96%)
- Blue (98%)



- Red (86%)
- Yellow (91%)
- Blue (98%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (4%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBF4FB 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 DBF4FB by changing the saturation by 10% instead.



 DBF4FB

FFFFFF

 DBF4FB

 BFD8DE

 A4BCC3

 89A1A7

 70878D

 576D73

 3F555B

 283E43

 12282D

 001419

 DBF4FB

 DBF4FB

 C2EFFB

 F4F9FB

 A9E9FB

 FFFFFB

 90E4FB

 77DEFB

 5ED9FB

 44D3FB

 2BCEFB

 12C8FB

 00C4FB

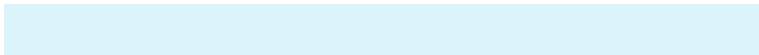
# Harmonies

## Analogous

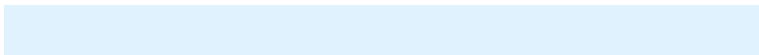
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DBF5F3



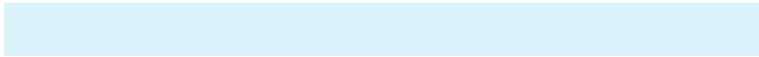
DBF4FB



E1F2FF

# Triad

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



DBF4FB



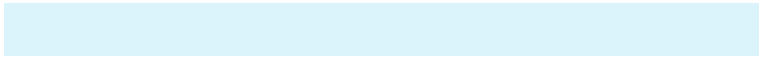
FEEAF5



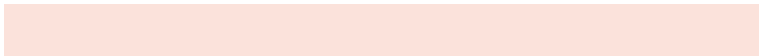
F3F0DE

# Complementary

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



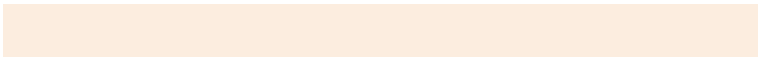
DBF4FB



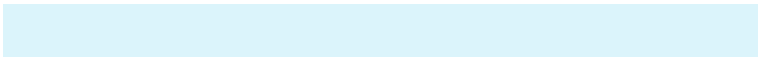
FBE2DB

# Split Complementary

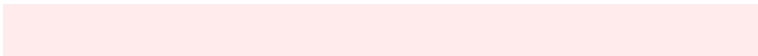
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FCEDDF



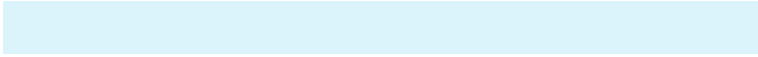
DBF4FB



FFEAE C

# Square

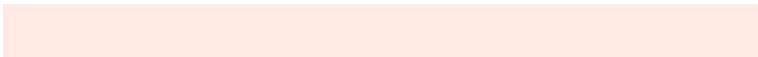
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DBF4FB



F6ECFD



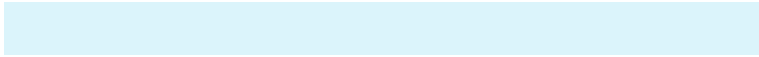
FFEBE4



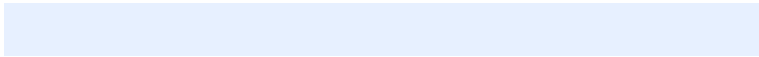
E9F3E2

# Rectangle

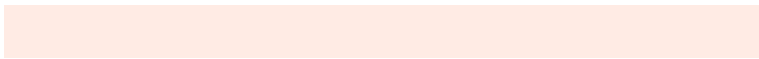
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBF4FB



E7F0FF



FFEBE4

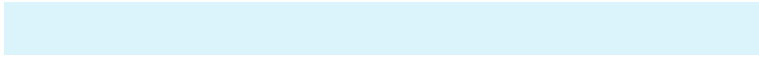


F6EFDE

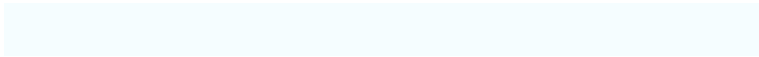


# Sweetspot

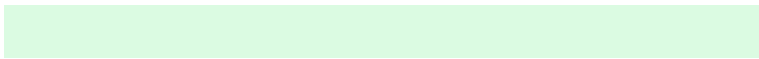
The Sweet Spot groups the original color and five complimentary colors.



DBF4FB



F5DFF



DBFBE2



797E80



000000

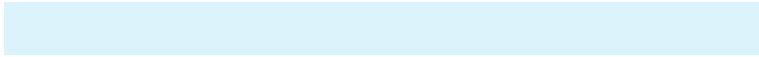


808080

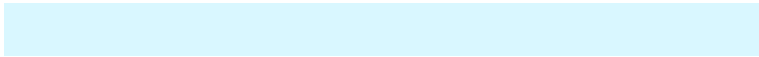


# Same Dimension

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



DBF4FB



D9F7FF



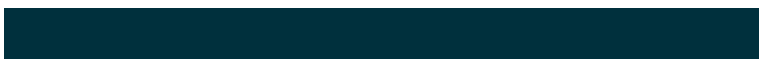
DBE4FB



707A7D



0093BD



00303D



# Inverse Universe

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



FBDBF4



FFD9F7



FBF2DB



7D707A



BD0093

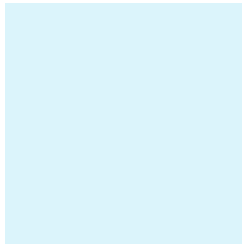


3D0030



# Previews

## White Background



This preview shows how the Hex color DBF4FB looks on a white background.

## Color Contrast Check

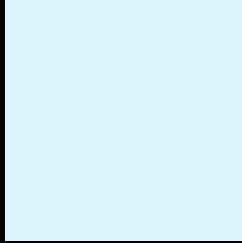
Large Text (above 18pt) WCAG AA × Fail

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 DBF4FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

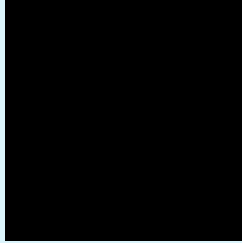
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

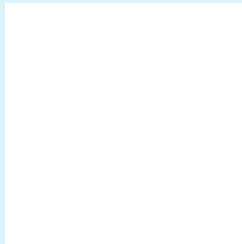
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBF4FB Background



This preview shows how black text looks on a background with the Hex color DBF4FB.

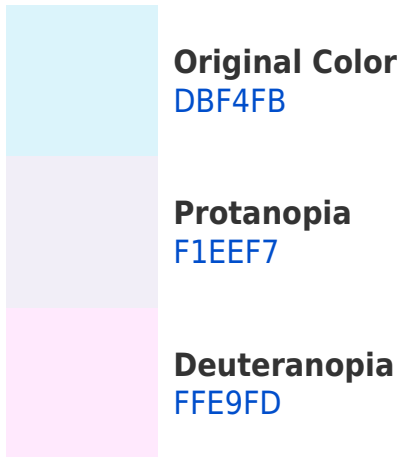


This preview shows how white text looks on a background with the Hex color DBF4FB.

# 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



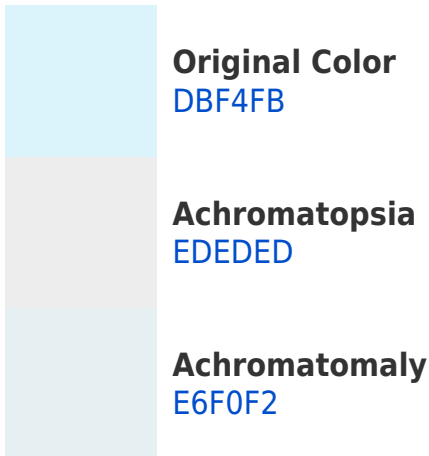


**Tritanopia**  
E3F1FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBF4FB 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 #DBF4FB looks like.

```
.text, #text, p{  
    color:#DBF4FB  
}
```

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 #DBF4FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBF4FB }
}
```

## Border

The CSS property to change the border of an element to Hex DBF4FB 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 #DBF4FB }
}
```

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

```
.border{ border-color:#DBF4FB }
```

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

Here you see how a box with a 4 pixel #DBF4FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBF4FB; -webkit-box-shadow:4px 4px  
4px 4px #DBF4FB; box-shadow:4px 4px 4px  
4px #DBF4FB }
```

# Background

The CSS property to change the background color of an element to Hex DBF4FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBF4FB }
```

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

```
.background{ background-color:#DBF4FB }
```

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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