

# Converting Colors

Hex(DBF3FB)

Have a look what the booklet for  
Hex(DBF3FB) contains.

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# **Color**

**Hex(DBF3FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBF3FB
RGB	219, 243, 251
RGB Percent	86%, 95%, 98%
CMY	0.1412, 0.0471, 0.0157
CMYK	0.13, 0.03, 0.00, 0.02
HSL	195°, 80%, 92%
HSV	195°, 13%, 98%
XYZ	78.6766, 86.1263, 103.7441
YIQ	236.7360, -16.8720, -2.6000

# Conversions

## Conversions Part 2

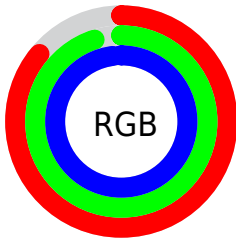
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 233, 251
Decimal	14414843
CIE Lab	94.37, -6.25, -6.52
CIE LCh	94, 9.028, 226.197
Yxy	86.1263, 0.2930, 0.3207
Android (android.graphics.Color)	4292604923 (0xFFDBF3FB)
YUV	236.7360, 7.0322, -15.5545
Hunter-Lab	92.8042, -11.0806, -1.3162

# Details

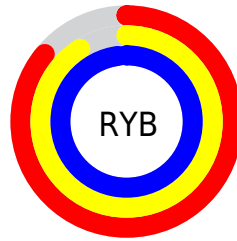
The Hex color **DBF3FB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FBE3DB**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **A4BBC3** is the 20% darker color. If you saturate the color by 10%, you get **C2EDFB**, and if you desaturate by 10%, it is **F4F9FB**.

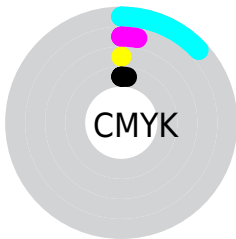
# Distribution



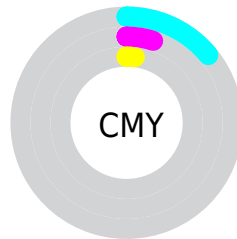
- Red (86%)
- Green (95%)
- Blue (98%)



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



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



- Cyan (14%)
- Magenta (5%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBF3FB 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 DBF3FB by changing the saturation by 10% instead.



■ DBF3FB

FFFFFF

■ DBF3FB

■ BFD7DE

■ A4BBC3

■ 89A0A7

■ 70868D

■ 576C73

■ 3F545B

■ 283D43

■ 13272D

■ 001319

 DBF3FB

 DBF3FB

 C2EDFB

 F4F9FB

 A9E6FB

 FFFFFB

 90E0FB

 77DAFB

 5ED4FB

 44CDFB

 2BC7FB

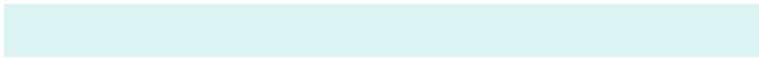
 12C1FB

 00BCFB

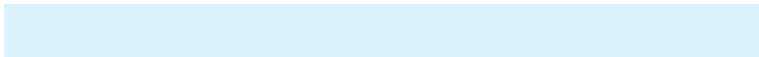
# Harmonies

## Analogous

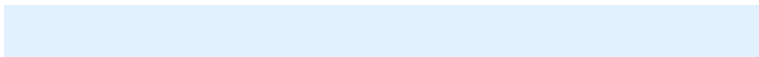
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DAF4F3



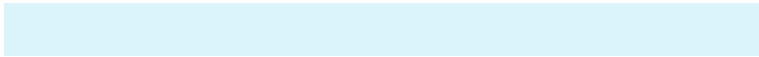
DBF3FB



E2F1FF

# Triad

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



DBF3FB



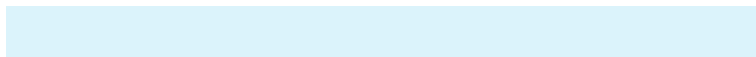
FEE9F3



F1F0DE

# Complementary

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



DBF3FB



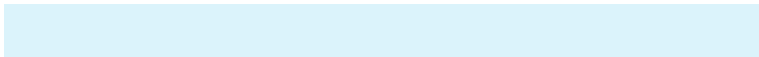
FBE3DB

# Split Complementary

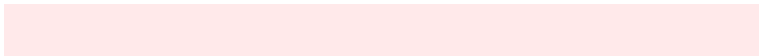
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FAEDDE



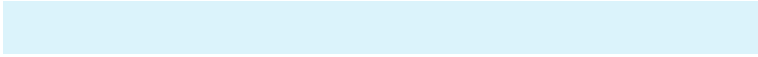
DBF3FB



FFE9EA

# Square

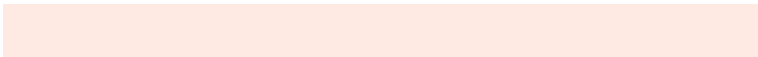
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



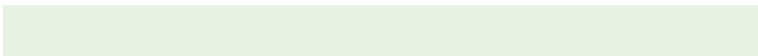
DBF3FB



F6EBFB



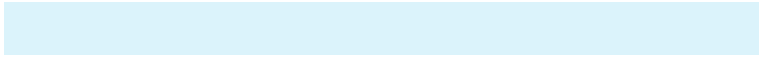
FFEAE3



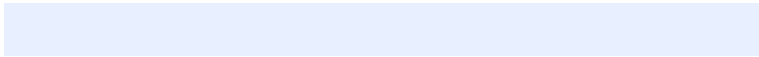
E7F2E3

# Rectangle

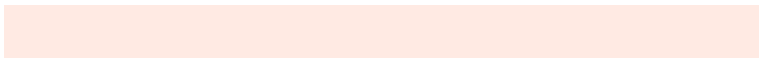
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBF3FB



E8EFFF



FFEAE3

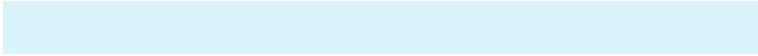


F4EFDE

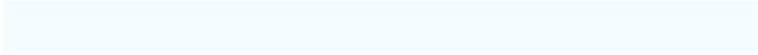


# Sweetspot

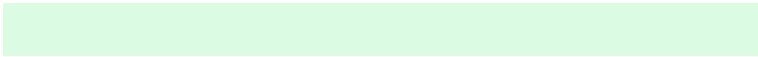
The Sweet Spot groups the original color and five complimentary colors.



DBF3FB



F5FCFF



DBFBE3



797E80



000000

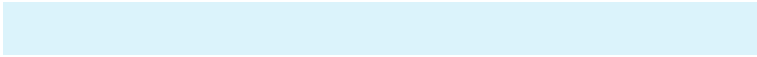


808080

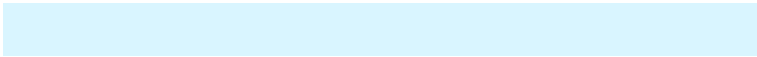


# Same Dimension

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



DBF3FB



D9F5FF



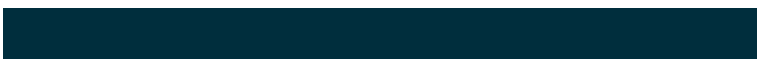
DBE3FB



707A7D



008EBD



002E3D



# Inverse Universe

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



FBDBF3



FFD9F5



FBF3DB



7D707A



BD008E

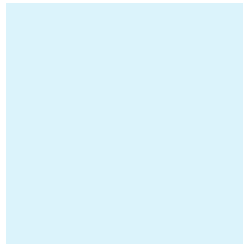


3D002E



# Previews

## White Background



This preview shows how the Hex color DBF3FB looks on a white background.

## Color Contrast Check

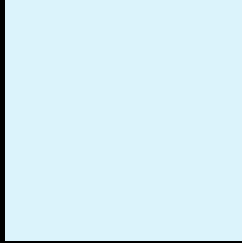
Large Text (above 18pt) WCAG AA × Fail

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 DBF3FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

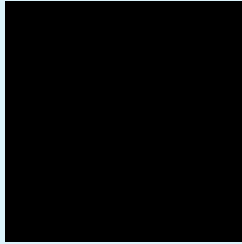
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

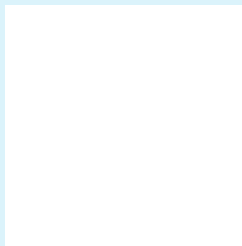
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBF3FB Background



This preview shows how black text looks on a background with the Hex color DBF3FB.

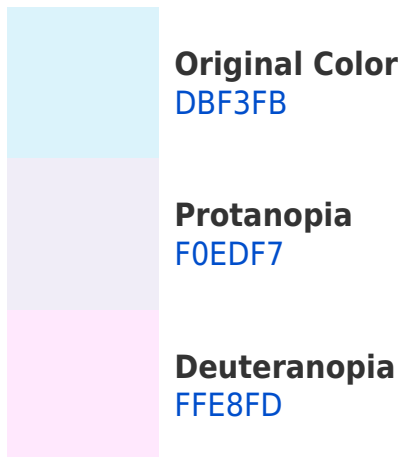


This preview shows how white text looks on a background with the Hex color DBF3FB.

# 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



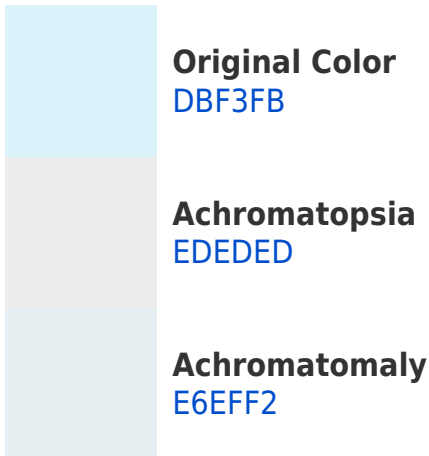


**Tritanopia**  
E2F1FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBF3FB 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 #DBF3FB looks like.

```
.text, #text, p{  
    color:#DBF3FB  
}
```

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 #DBF3FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBF3FB  
}
```

## Border

The CSS property to change the border of an element to Hex DBF3FB 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  
#DBF3FB }
```

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

```
.border{ border-color:#DBF3FB }
```

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

Here you see how a box with a 4 pixel #DBF3FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBF3FB; -webkit-box-shadow:4px 4px  
4px 4px #DBF3FB; box-shadow:4px 4px 4px  
4px #DBF3FB }
```

# Background

The CSS property to change the background color of an element to Hex DBF3FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBF3FB }
```

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

```
.background{ background-color:#DBF3FB }
```

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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