

Converting Colors

Hex(BDF8FF)

Have a look what the booklet for
Hex(BDF8FF) contains.

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Color

Hex(BDF8FF)

Conversions

Conversions Part 1

Format	Color
Hex	BDF8FF
RGB	189, 248, 255
RGB Percent	74%, 97%, 100%
CMY	0.2588, 0.0275, 0.0000
CMYK	0.26, 0.03, 0.00, 0.00
HSL	186°, 100%, 87%
HSV	186°, 26%, 100%
XYZ	72.6037, 85.1736, 107.2213
YIQ	231.1570, -37.4110, -10.3310

Conversions

Conversions Part 2

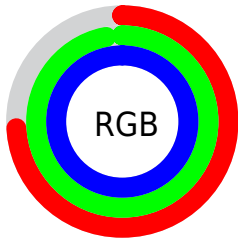
Format	Color
R_{YB}	189, 220, 255
Decimal	12450047
CIE Lab	93.96, -16.89, -9.39
CIE LCh	94, 19.329, 209.080
Yxy	85.1736, 0.2740, 0.3214
Android (android.graphics.Color)	4290640127 (0xFFBDF8FF)
YUV	231.1570, 11.7546, -36.9717
Hunter-Lab	92.2896, -21.0818, -4.2800

Details

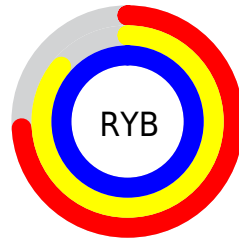
The Hex color **BDF8FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFC4BD**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **F7FFFF**, and **86C0C6** is the 20% darker color. If you saturate the color by 10%, you get **A4F5FF**, and if you desaturate by 10%, it is **D7FBFF**.

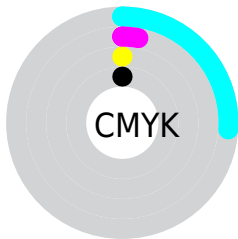
Distribution



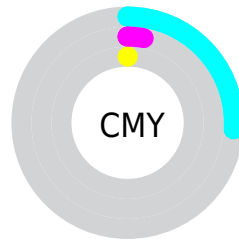
- Red (74%)
- Green (97%)
- Blue (100%)



- Red (74%)
- Yellow (86%)
- Blue (100%)



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDF8FF 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 BDF8FF by changing the saturation by 10% instead.

 BDF8FF

FFFFFF

 F7FFFF

 BDF8FF

 A1DBE2

 86C0C6

 6BA4AB

 518A91

 377077

 1A585E

 004047

 002A30

 00171B

 BDF8FF

 BDF8FF

 A4F5FF

 D7FBFF

 8AF3FF

 F0FDFF

 71F0FF

 FFFFFFFF

 57EDFF

 3EEAFF

 24E8FF

 0BE5FF

 00E4FF

Harmonies

Analogous

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



C3F9EC



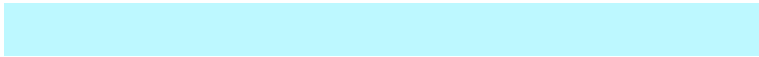
BDF8FF



C5F5FF

Triad

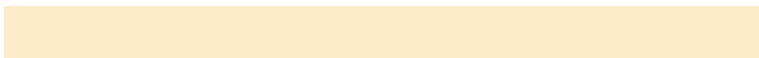
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BDF8FF



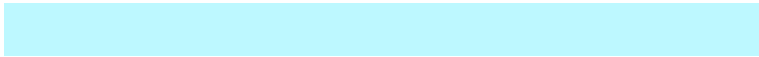
FFE4FF



FDECC9

Complementary

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



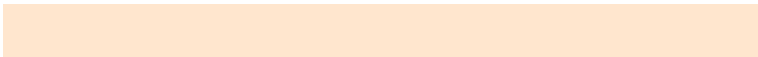
BDF8FF



FFC4BD

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.



FFE6CE



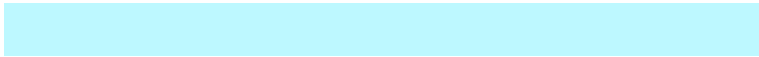
BDF8FF



FFE1EF

Square

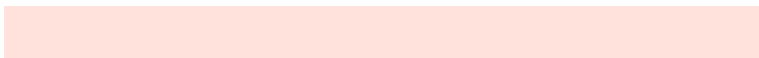
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BDF8FF



F1E9FF



FFE2DC



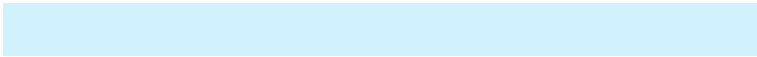
E9F2CD

Rectangle

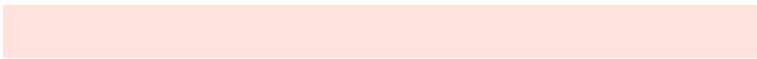
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BDF8FF



D1F1FF



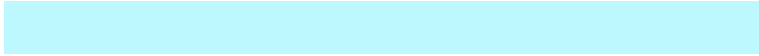
FFE2DC



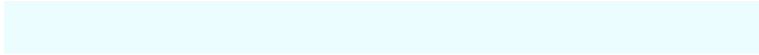
FFEAC9

Sweetspot

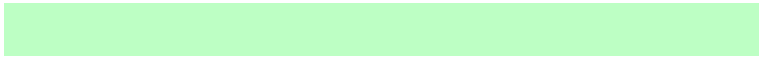
The Sweet Spot groups the original color and five complimentary colors.



BDF8FF



EBFDFF



BDFFC4



737E80



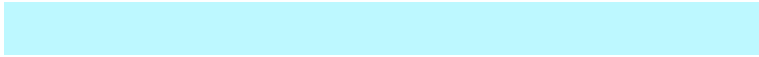
000000



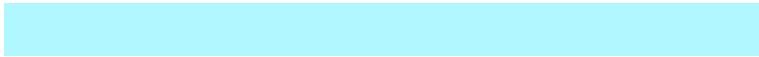
808080

Same Dimension

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



BDF8FF



B0F7FF



BDD7FF



737E80



00ABBF



003940

Inverse Universe

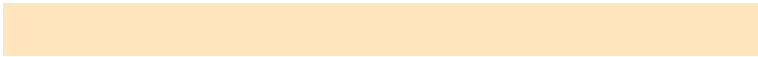
The Inverse Universe completely reimagines the original color for something new.



FFBDF8



FFB0F7



FFE5BD



80737E



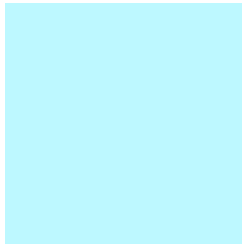
BF00AB



400039

Previews

White Background



This preview shows how the Hex color BDF8FF looks on a white background.

Color Contrast Check

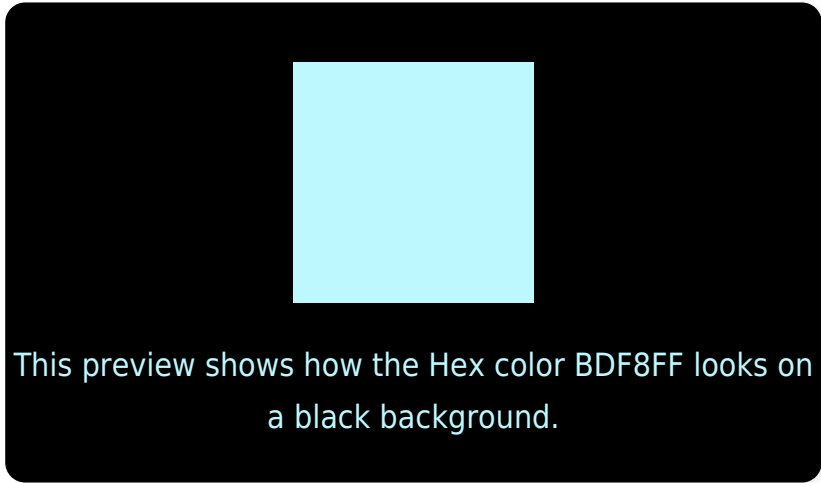
Large Text (above 18pt) WCAG AA × Fail

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

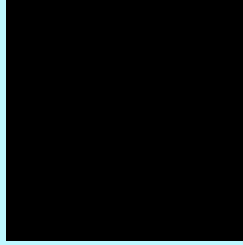
Any Text WCAG AA ✓ Pass

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 BDF8FF Background



This preview shows how black text looks on a background with the Hex color BDF8FF.

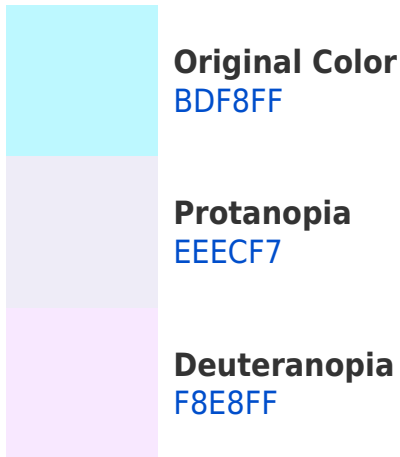


This preview shows how white text looks on a background with the Hex color BDF8FF.

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



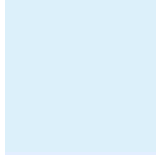


Tritanopia
D3F3FF

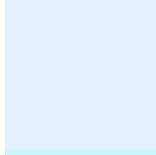
Trichromacy



Original Color
BDF8FF



Protanomaly
DCF0FA



Deuteranomaly
E3EEFF

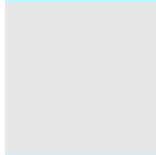


Tritanomaly
CBF5FF

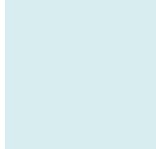
Monochromacy



Original Color
BDF8FF



Achromatopsia
E7E7E7



Achromatomaly
D8EDF0

CSS Examples

Text

The CSS property to change the color of the text to Hex BDF8FF 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 #BDF8FF looks like.

```
.text, #text, p{  
    color:#BDF8FF  
}
```

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 #BDF8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDF8FF
}
```

Border

The CSS property to change the border of an element to Hex BDF8FF 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
#BDF8FF }
```

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

```
.border{ border-color:#BDF8FF }
```

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

Here you see how a box with a 4 pixel #BDF8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDF8FF; -webkit-box-shadow:4px 4px  
4px 4px #BDF8FF; box-shadow:4px 4px 4px  
4px #BDF8FF }
```

Background

The CSS property to change the background color of an element to Hex BDF8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDF8FF }
```

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

```
.background{ background-color:#BDF8FF }
```

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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