

Converting Colors

Hex(BDF1FF)

Have a look what the booklet for
Hex(BDF1FF) contains.

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Color

Hex(BDF1FF)

Conversions

Conversions Part 1

Format	Color
Hex	BDF1FF
RGB	189, 241, 255
RGB Percent	74%, 95%, 100%
CMY	0.2588, 0.0549, 0.0000
CMYK	0.26, 0.05, 0.00, 0.00
HSL	193°, 100%, 87%
HSV	193°, 26%, 100%
XYZ	70.4916, 80.9494, 106.5172
YIQ	227.0480, -35.4860, -6.6700

Conversions

Conversions Part 2

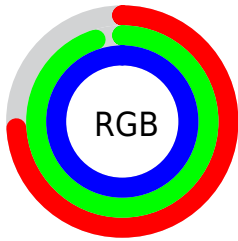
Format	Color
RYB	189, 218, 255
Decimal	12448255
CIELab	92.11, -13.40, -12.15
CIELCh	92, 18.085, 222.189
Yxy	80.9494, 0.2733, 0.3138
Android (android.graphics.Color)	4290638335 (0xFFBDF1FF)
YUV	227.0480, 13.7803, -33.3681
Hunter-Lab	89.9719, -17.5989, -7.2128

Details

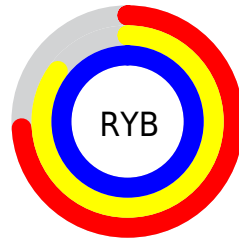
The Hex color **BDF1FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFCBBB**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **F6FFFF**, and **86B9C6** is the 20% darker color. If you saturate the color by 10%, you get **A4ECFF**, and if you desaturate by 10%, it is **D7F6FF**.

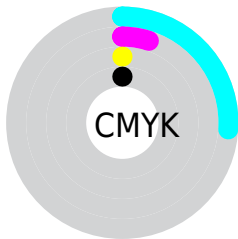
Distribution



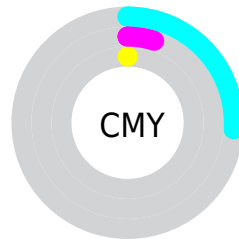
- Red (74%)
- Green (95%)
- Blue (100%)



- Red (74%)
- Yellow (85%)
- Blue (100%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDF1FF 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 BDF1FF by changing the saturation by 10% instead.

 BDF1FF

 BDF1FF

FFFFFF

 A1D5E2

 F6FFFF

 86B9C6

 6B9EAB

 518490

 386B77

 1C525E

 003B46

 002530

 000F1B

 BDF1FF

 BDF1FF

 A4ECFF

 D7F6FF

 8AE6FF

 F0FCFF

 71E1FF

FFFFFF

 57DBFF

 3ED6FF

 24D1FF

 0BCBFF

 00C9FF

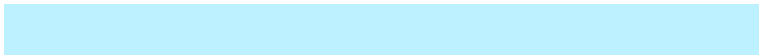
Harmonies

Analogous

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



BDF3EF



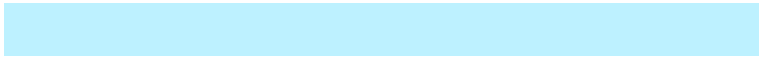
BDF1FF



CAEDFF

Triad

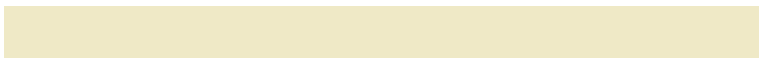
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BDF1FF



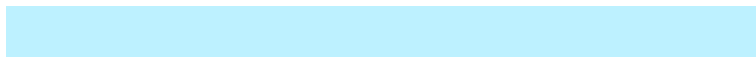
FFDEF3



EFE9C6

Complementary

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



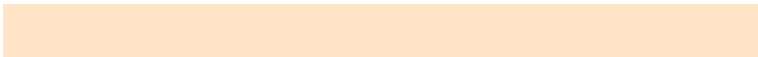
BDF1FF



FFCBBD

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.



FFE4C8



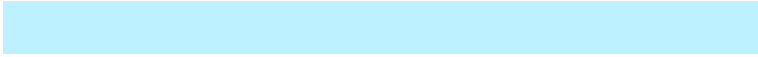
BDF1FF



FFDCE2

Square

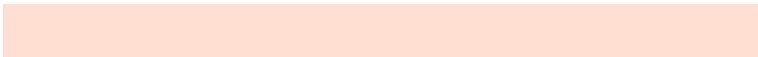
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BDF1FF



F4E2FF



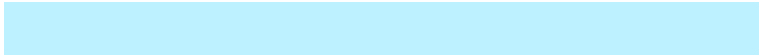
FFDFD2



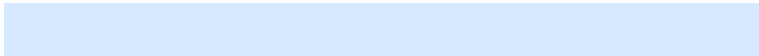
DBEECE

Rectangle

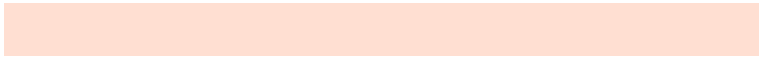
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



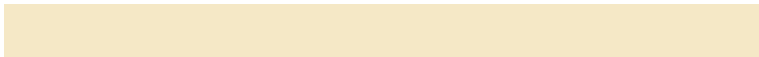
BDF1FF



D7E9FF



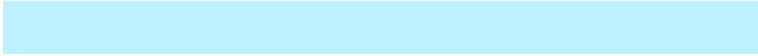
FFDFD2



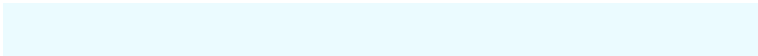
F5E8C6

Sweetspot

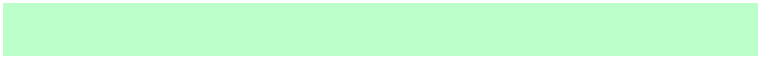
The Sweet Spot groups the original color and five complimentary colors.



BDF1FF



EBFBFF



BDFPCA



737D80



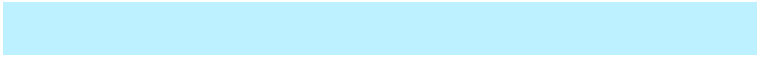
000000



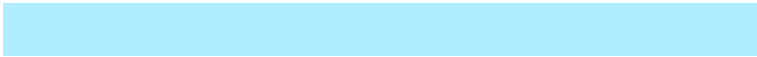
808080

Same Dimension

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



BDF1FF



B0EEFF



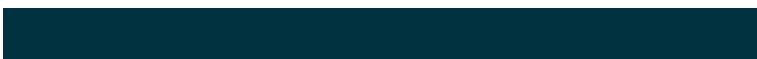
BDD1FF



737D80



0097BF



003240

Inverse Universe

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



FFBDF1



FFB0EE



FFEBBD



80737D



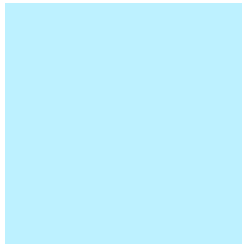
BF0097



400032

Previews

White Background



This preview shows how the Hex color BDF1FF looks on a white background.

Color Contrast Check

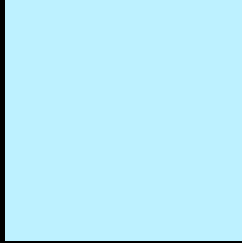
Large Text (above 18pt) WCAG AA × Fail

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 BDF1FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

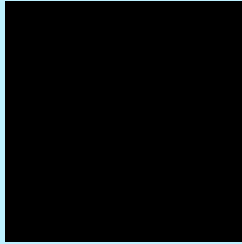
Any Text WCAG AA ✓ Pass

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 BDF1FF Background



This preview shows how black text looks on a background with the Hex color BDF1FF.

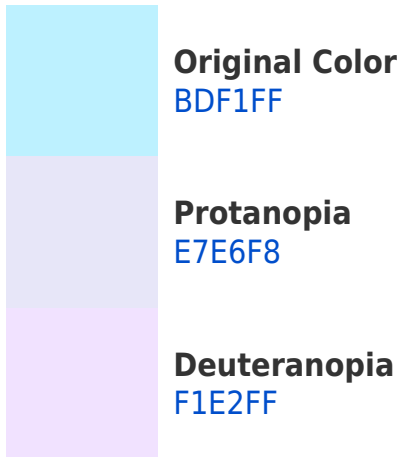


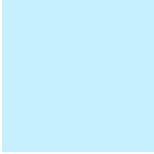
This preview shows how white text looks on a background with the Hex color BDF1FF.

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](#).

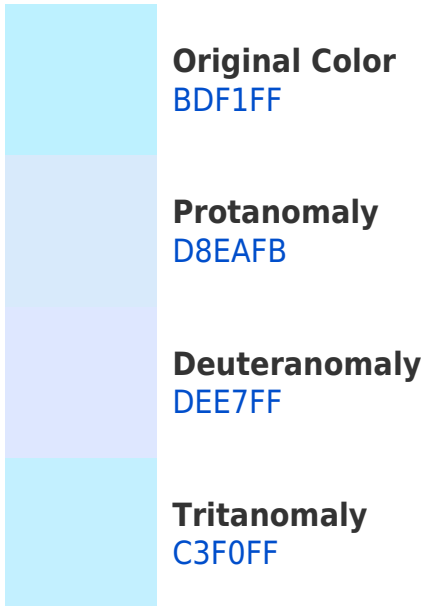
Dichromacy



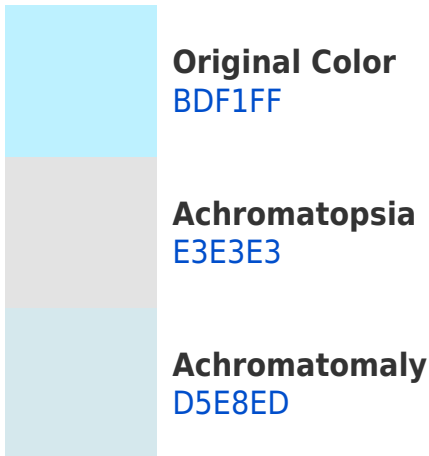


Tritanopia
C6EFFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDF1FF 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 #BDF1FF looks like.

```
.text, #text, p{  
    color:#BDF1FF  
}
```

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 #BDF1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDF1FF }  
}
```

Border

The CSS property to change the border of an element to Hex BDF1FF 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 #BDF1FF }  
}
```

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

```
.border{ border-color:#BDF1FF }
```

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

Here you see how a box with a 4 pixel #BDF1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDF1FF; -webkit-box-shadow:4px 4px  
4px 4px #BDF1FF; box-shadow:4px 4px 4px  
4px #BDF1FF }
```

Background

The CSS property to change the background color of an element to Hex BDF1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDF1FF }
```

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

```
.background{ background-color:#BDF1FF }
```

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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