

Converting Colors

Hex(B7FDFF)

Have a look what the booklet for
Hex(B7FDFF) contains.

| | |
|--|----|
| Hex(B7FDFF) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(B7FDFF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B7FDFF |
| RGB | 183, 253, 255 |
| RGB Percent | 72%, 99%, 100% |
| CMY | 0.2824, 0.0078, 0.0000 |
| CMYK | 0.28, 0.01, 0.00, 0.00 |
| HSL | 182°, 100%, 86% |
| HSV | 182°, 28%, 100% |
| XYZ | 72.7037, 87.5378, 107.6723 |
| YIQ | 232.2980, -42.3620, -14.2180 |

Conversions

Conversions Part 2

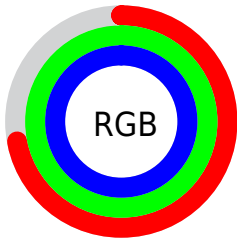
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 183, 218, 255 |
| Decimal | 12058111 |
| CIE Lab | 94.97, -21.03, -7.94 |
| CIE LCh | 95, 22.476, 200.675 |
| Yxy | 87.5378, 0.2714, 0.3267 |
| Android (android.graphics.Color) | 4290248191 (0xFFB7FDFF) |
| YUV | 232.2980, 11.1921, -43.2343 |
| Hunter-Lab | 93.5617, -25.0264, -2.7388 |

Details

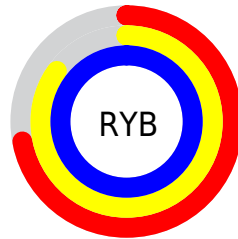
The Hex color **B7FDFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFB9B7**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **F1FFFF**, and **80C4C6** is the 20% darker color. If you saturate the color by 10%, you get **9EFCFF**, and if you desaturate by 10%, it is **D1FEFF**.

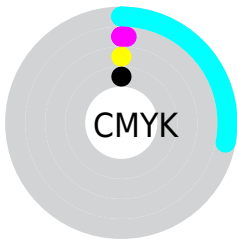
Distribution



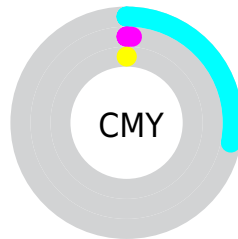
- Red (72%)
- Green (99%)
- Blue (100%)



- Red (72%)
- Yellow (85%)
- Blue (100%)



- Cyan (28%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7FDFF 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 B7FDFF by changing the saturation by 10% instead.

 B7FDFF

 B7FDFF

FFFFFF

 9BE0E2

 F1FFFF

 80C4C6

 64A9AB

 498E91

 2E7577

 0A5C5E

 004447

 002D30

 001B1B

 B7FDFF

 B7FDFF

 9EFCFF

 D1FEFF

 84FCFF

 EAFFFF

 6AFBFF

FFFFFF

 51FAFF

 38F9FF

 1EF9FF

 05F8FF

 00F8FF

Harmonies

Analogous

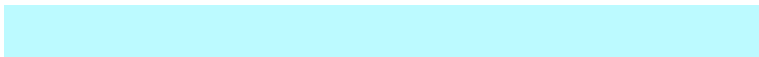
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C3FDE9



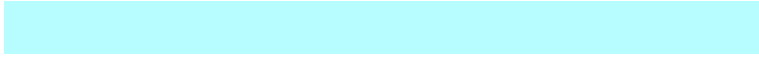
B7FDFD



BCFAFF

Triad

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



B7FDFF



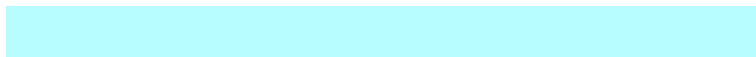
FFE6FF



FFEDC6

Complementary

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



B7FDFF



FFB9B7

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.



FFE6D0



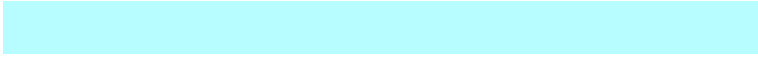
B7FDFD



FFE2F8

Square

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



B7FDFD



ECEDFF



FFE2E2



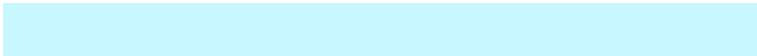
F1F4C8

Rectangle

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



B7FDFD



C8F7FF



FFE2E2



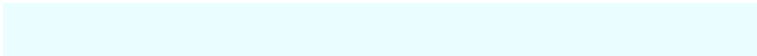
FFEAC8

Sweetspot

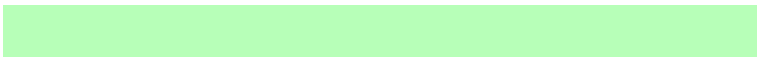
The Sweet Spot groups the original color and five complimentary colors.



B7FDFD



EBFEFF



B7FFB8



737F80



000000



808080

Same Dimension

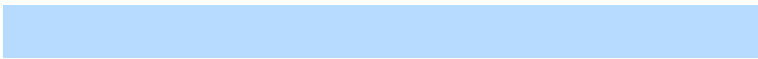
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B7FDFD



A8FDFD



B7DAFF



737F80



00BABF



003E40

Inverse Universe

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



FFB7FD



FFA8FD



FFDCB7



80737F



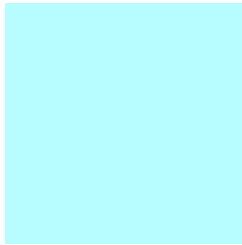
BF00BA



40003E

Previews

White Background



This preview shows how the Hex color B7FDFF looks on a white background.

Color Contrast Check

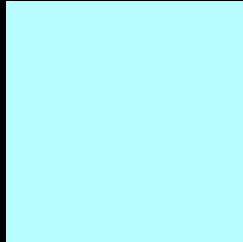
Large Text (above 18pt) WCAG AA × Fail

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 B7FDFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

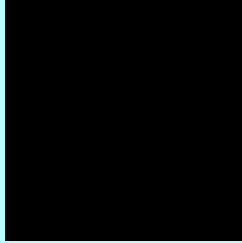
Any Text WCAG AA ✓ Pass

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 B7FDFF Background



This preview shows how black text looks on a background with the Hex color B7FDFF.

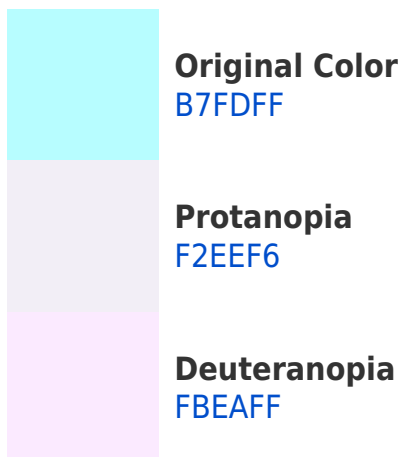


This preview shows how white text looks on a background with the Hex color B7FDFF.

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](#).

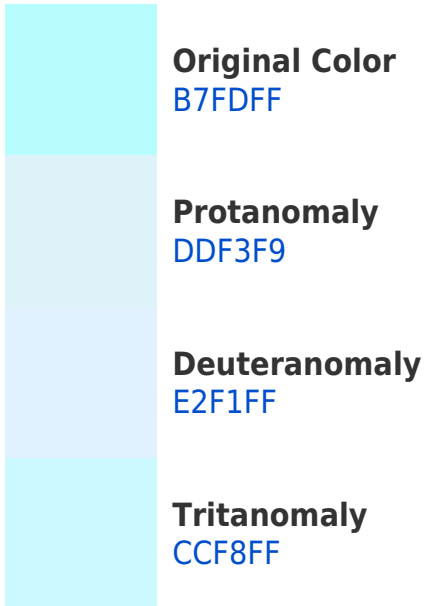
Dichromacy



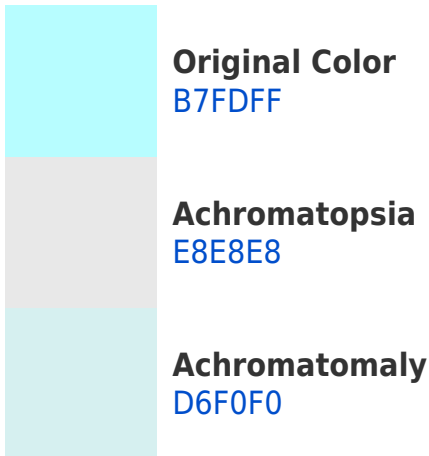


Tritanopia
D8F5FF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7FDFF 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 #B7FDFF looks like.

```
.text, #text, p{  
    color:#B7FDFF  
}
```

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 #B7FDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7FDFF
}
```

Border

The CSS property to change the border of an element to Hex B7FDFF 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
#B7FDFF }
```

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

```
.border{ border-color:#B7FDFF }
```

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

Here you see how a box with a 4 pixel #B7FDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7FDFF; -webkit-box-shadow:4px 4px  
4px 4px #B7FDFF; box-shadow:4px 4px 4px  
4px #B7FDFF }
```

Background

The CSS property to change the background color of an element to Hex B7FDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7FDFF }
```

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

```
.background{ background-color:#B7FDFF }
```

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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