

# Converting Colors

Hex(B7FFFD)

Have a look what the booklet for  
Hex(B7FFFD) contains.

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# **Color**

**Hex(B7FFFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7FFFD
RGB	183, 255, 253
RGB Percent	72%, 100%, 99%
CMY	0.2824, 0.0000, 0.0078
CMYK	0.28, 0.00, 0.01, 0.00
HSL	178°, 100%, 86%
HSV	178°, 28%, 100%
XYZ	73.0181, 88.6791, 106.1968
YIQ	233.2440, -42.2700, -15.8860

# Conversions

## Conversions Part 2

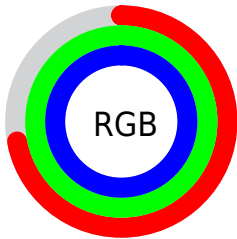
Format	Color
R <sub>Y</sub> B	183, 220, 255
Decimal	12058621
CIE Lab	95.45, -22.44, -6.19
CIE LCh	95, 23.279, 195.429
Yxy	88.6791, 0.2726, 0.3310
Android (android.graphics.Color)	4290248701 (0xFFB7FFFD)
YUV	233.2440, 9.7397, -44.0640
Hunter-Lab	94.1696, -26.3899, -0.9437

# Details

The Hex color **B7FFFD** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFB7B9**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **F1FFFF**, and **7FC6C4** is the 20% darker color. If you saturate the color by 10%, you get **9EFFFF**, and if you desaturate by 10%, it is **D1FFFE**.

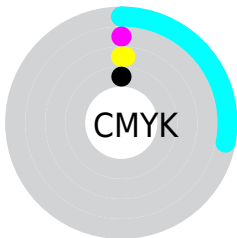
# Distribution



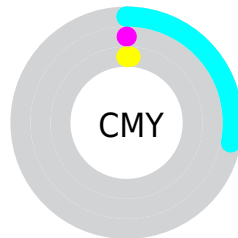
- Red (72%)
- Green (100%)
- Blue (99%)



- Red (72%)
- Yellow (86%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B7FFFD 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 B7FFFD by changing the saturation by 10% instead.



 B7FFFD

FFFFFF

 F1FFFF

 B7FFFD

 9BE2E0

 7FC6C4

 64ABA9

 49908F

 2E7675

 0A5D5D

 004545

 002F2F

 001C1A

 B7FFFD

 B7FFFD

 9EFFFF

 D1FFFE

 84FFFC

 EAFFFE

 6AFFFB

FFFFFF

 51FFFA

 38FFF9

 1EFFF9

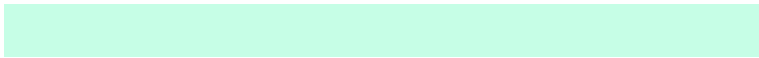
 05FFF8

 00FFF8

# Harmonies

## Analogous

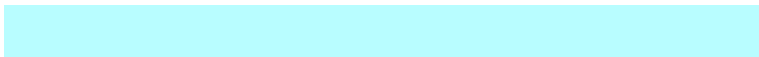
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C6FEE6



B7FFFD



B8FDFF

# Triad

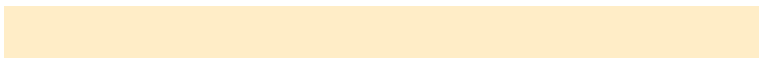
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B7FFFD



FFE8FF



FFEDC7

# Complementary

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



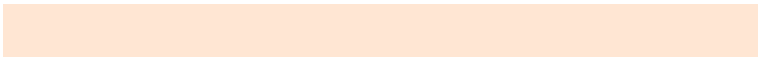
B7FFFD



FFB7B9

# 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.



FFE6D3



B7FFFD



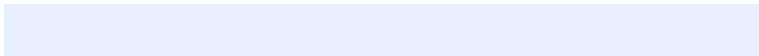
FFE3FE

# Square

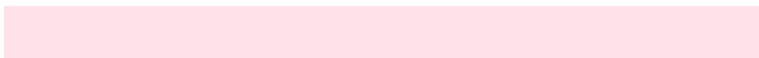
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B7FFFD



E8FOFF



FFE2E7



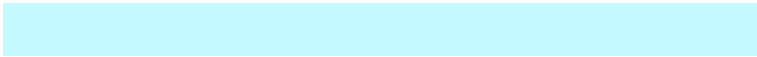
F7F4C6

# Rectangle

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



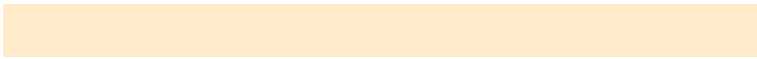
B7FFFD



C3F9FF



FFE2E7



FFEACA



# Sweetspot

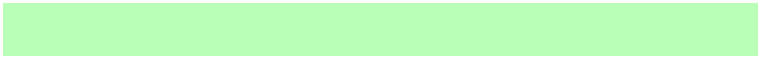
The Sweet Spot groups the original color and five complimentary colors.



B7FFFD



EBFFFE



B9FFB7



73807F



000000



808080



# Same Dimension

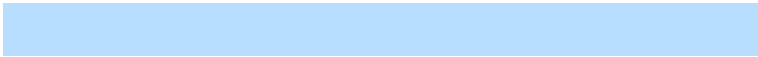
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B7FFFD



A8FFFD



B7DDFF



73807F



00BFBA



00403E



# Inverse Universe

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



FFB7B9



FFA8AB



FFD9B7



807373



BF0005

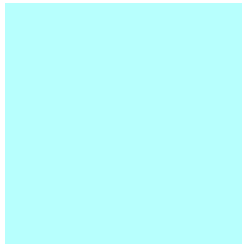


400002



# Previews

## White Background



This preview shows how the Hex color B7FFFD looks on a white background.

## Color Contrast Check

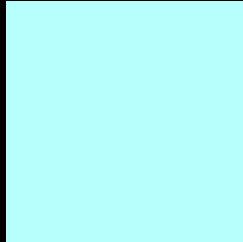
Large Text (above 18pt) WCAG AA × Fail

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 B7FFFD 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 B7FFFD Background



This preview shows how black text looks on a background with the Hex color B7FFFD.

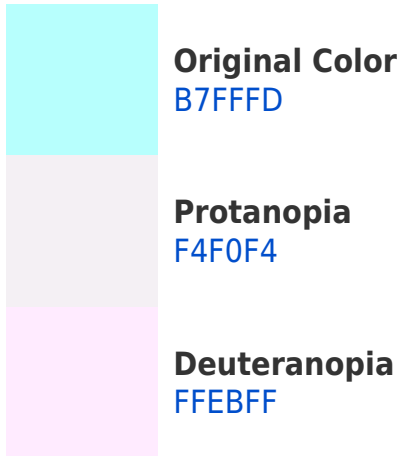


This preview shows how white text looks on a background with the Hex color B7FFFD.

# 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



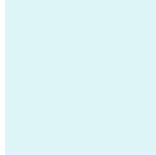


**Tritanopia**  
DCF6FF

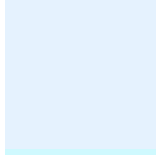
# Trichromacy



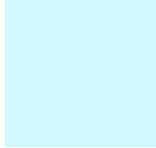
**Original Color**  
B7FFFD



**Protanomaly**  
DEF5F7



**Deuteranomaly**  
E5F2FE

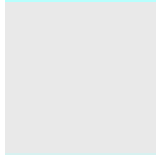


**Tritanomaly**  
CFF9FE

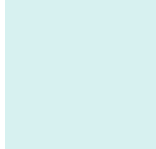
# Monochromacy



**Original Color**  
B7FFFD



**Achromatopsia**  
E9E9E9



**Achromatomaly**  
D7F1F0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7FFFD 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 #B7FFFD looks like.

```
.text, #text, p{  
    color:#B7FFFD  
}
```

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 #B7FFFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7FFFD
}
```

## Border

The CSS property to change the border of an element to Hex B7FFFD 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
#B7FFFD }
```

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

```
.border{ border-color:#B7FFFD }
```

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

Here you see how a box with a 4 pixel #B7FFFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7FFFD; -webkit-box-shadow:4px 4px  
4px 4px #B7FFFD; box-shadow:4px 4px 4px  
4px #B7FFFD }
```

# Background

The CSS property to change the background color of an element to Hex B7FFFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7FFFD }
```

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

```
.background{ background-color:#B7FFFD }
```

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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