

# Converting Colors

Hex(B7FFED)

Have a look what the booklet for  
Hex(B7FFED) contains.

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**Color**

**Hex(B7FFED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7FFED
RGB	183, 255, 237
RGB Percent	72%, 100%, 93%
CMY	0.2824, 0.0000, 0.0706
CMYK	0.28, 0.00, 0.07, 0.00
HSL	165°, 100%, 86%
HSV	165°, 28%, 100%
XYZ	70.5745, 87.7017, 93.3292
YIQ	231.4200, -37.1340, -20.8620

# Conversions

## Conversions Part 2

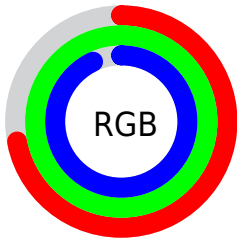
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 224, 255
Decimal	12058605
CIELab	95.04, -25.83, 1.46
CIElCh	95, 25.876, 176.773
Yxy	87.7017, 0.2805, 0.3486
Android (android.graphics.Color)	4290248685 (0xFFB7FFED)
YUV	231.4200, 2.7509, -42.4643
Hunter-Lab	93.6492, -29.3676, 6.4670

# Details

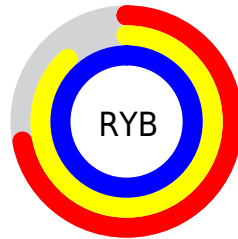
The Hex color **B7FFED** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFB7C9**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **F0FFFF**, and **80C6B5** is the 20% darker color. If you saturate the color by 10%, you get **9EFFE7**, and if you desaturate by 10%, it is **D1FFF3**.

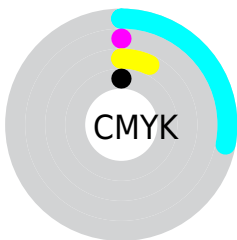
# Distribution



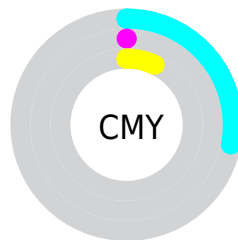
- Red (72%)
- Green (100%)
- Blue (93%)



- Red (72%)
- Yellow (88%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7FFED 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 B7FFED by changing the saturation by 10% instead.



 B7FFED

FFFFFF

 F0FFFF

 B7FFED


 9BE2D1

 80C6B5

 65AB9A

 4B9080

 307667

 115D4F

 004539

 002E23

 001B0D

 B7FFED

 B7FFED

 9EFFE7

 D1FFF3

 84FFE0

 EAFFFA

 6AFFDA

FFFFFF

 51FFD3

 38FFCD

 1EFFC7

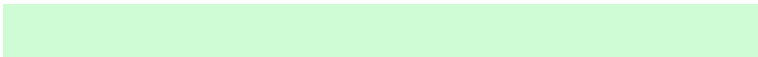
 05FFC0

 00FFBF

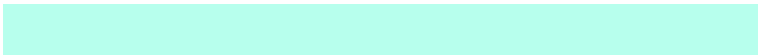
# Harmonies

## Analogous

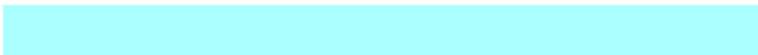
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CFFCD5



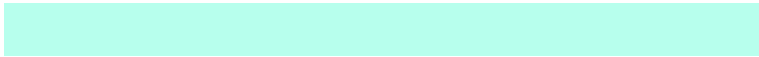
B7FFED



ACFFFF

# Triad

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



B7FFED



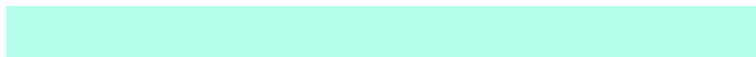
F2EBFF



FFE6C8

# Complementary

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



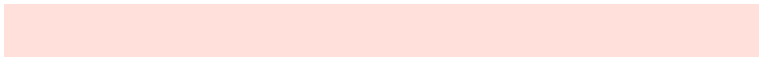
B7FFED



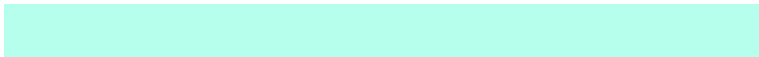
FFB7C9

# 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.



FFE0DB



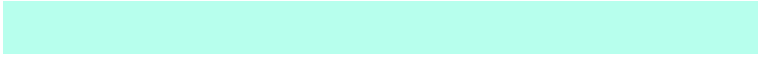
B7FFED



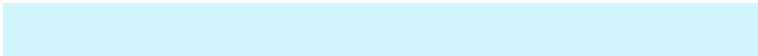
FFE3FF

# Square

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



B7FFED



D0F4FF



FFDFF4



FFEEBF

# Rectangle

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



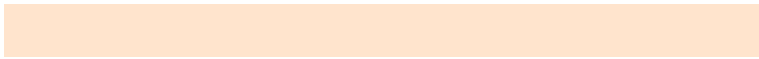
B7FFED



B0FCFF



FFDFF4

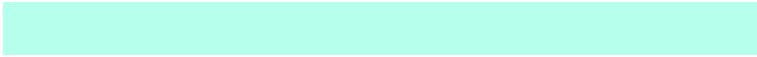


FFE4CD



# Sweetspot

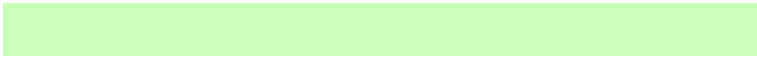
The Sweet Spot groups the original color and five complimentary colors.



B7FFED



EBFFFA



C9FFB7



73807C



000000

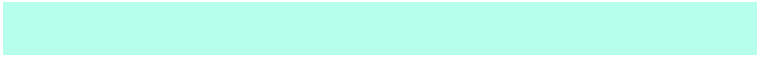


808080

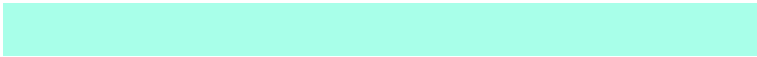


# Same Dimension

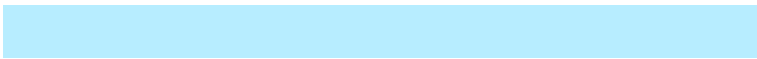
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B7FFED



A8FFE9



B7EDFF



73807C



00BF8F



004030



# Inverse Universe

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



FFB7C9



FFA8BE



FFC9B7



807376



BF0030

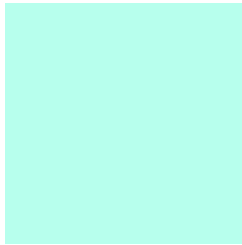


400010



# Previews

## White Background



This preview shows how the Hex color B7FFED looks on a white background.

## Color Contrast Check

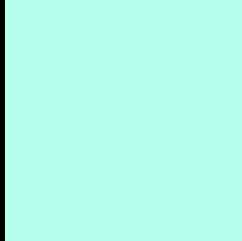
Large Text (above 18pt) WCAG AA × Fail

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 B7FFED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

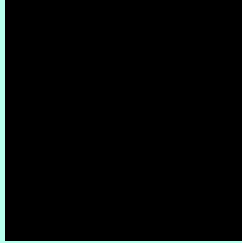
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

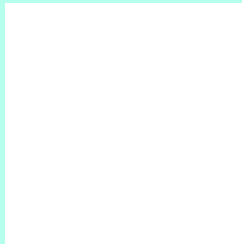
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7FFED Background



This preview shows how black text looks on a background with the Hex color B7FFED.

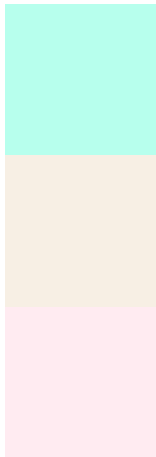


This preview shows how white text looks on a background with the Hex color B7FFED.

# 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



**Original Color**  
B7FFED

**Protanopia**  
F7EFE4

**Deuteranopia**  
FFEBF1

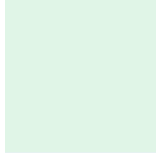


**Tritanopia**  
DAF5FF

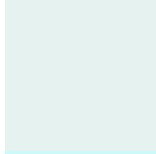
# Trichromacy



**Original Color**  
B7FFED



**Protanomaly**  
E0F5E7

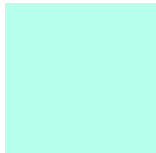


**Deuteranomaly**  
E5F2F0

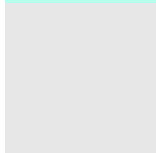


**Tritanomaly**  
CDF9F8

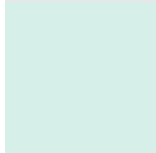
# Monochromacy



**Original Color**  
B7FFED



**Achromatopsia**  
E7E7E7



**Achromatomaly**  
D6F0E9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7FFED 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 #B7FFED looks like.

```
.text, #text, p{  
    color:#B7FFED  
}
```

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 #B7FFED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7FFED
}
```

## Border

The CSS property to change the border of an element to Hex B7FFED 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
#B7FFED }
```

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

```
.border{ border-color:#B7FFED }
```

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

Here you see how a box with a 4 pixel #B7FFED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7FFED; -webkit-box-shadow:4px 4px  
4px 4px #B7FFED; box-shadow:4px 4px 4px  
4px #B7FFED }
```

# Background

The CSS property to change the background color of an element to Hex B7FFED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7FFED }
```

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

```
.background{ background-color:#B7FFED }
```

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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