

# Converting Colors

Hex(B3FFD7)

Have a look what the booklet for  
Hex(B3FFD7) contains.

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# **Color**

**Hex(B3FFD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3FFD7
RGB	179, 255, 215
RGB Percent	70%, 100%, 84%
CMY	0.2980, 0.0000, 0.1569
CMYK	0.30, 0.00, 0.16, 0.00
HSL	148°, 100%, 85%
HSV	148°, 30%, 100%
XYZ	66.6161, 86.0100, 77.3805
YIQ	227.7160, -32.4560, -28.5520

# Conversions

## Conversions Part 2

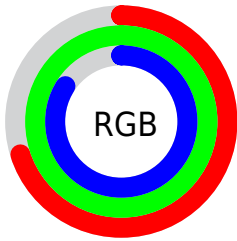
Format	Color
<a href="#">RYB</a>	<a href="#">179, 231, 255</a>
Decimal	<a href="#">11796439</a>
CIELab	<a href="#">94.32, -31.37, 11.72</a>
CIElCh	<a href="#">94, 33.484, 159.508</a>
Yxy	<a href="#">86.0100, 0.2896, 0.3739</a>
Android (android.graphics.Color)	<a href="#">4289986519</a> ( <a href="#">0xFFB3FFD7</a> )
YUV	<a href="#">227.7160, -6.2690, -42.7239</a>
Hunter-Lab	<a href="#">92.7416, -34.0815, 15.4495</a>

# Details

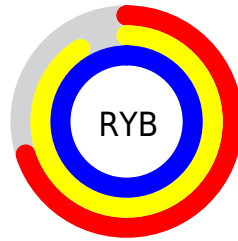
The Hex color **B3FFD7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **FFB3DB**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **ECFFFF**, and **7CC6A0** is the 20% darker color. If you saturate the color by 10%, you get **99FFCA**, and if you desaturate by 10%, it is **CCFFE4**.

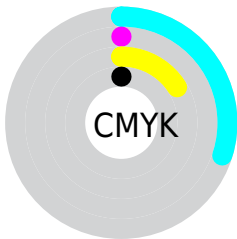
# Distribution



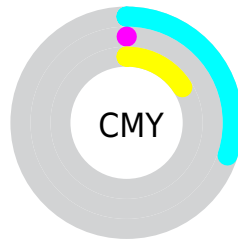
- Red (70%)
- Green (100%)
- Blue (84%)



- Red (70%)
- Yellow (91%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3FFD7 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 B3FFD7 by changing the saturation by 10% instead.



 B3FFD7

 B3FFD7

FFFFFF

 97E2BB

 ECFFFF

 7CC6A0

 61AA86

 47906D

 2C7654

 0B5D3D

 004427

 002D13

 001800

 B3FFD7

 B3FFD7

 99FFCA

 CCFFE4

 80FFBC

 E6FFF2

 66FFAF

FFFFFF

 4DFFA1

 33FF94

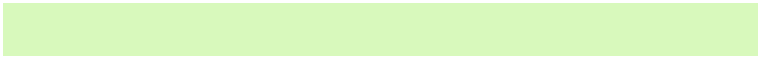
 1AFF86

 00FF79

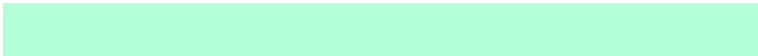
# Harmonies

## Analogous

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



D8F9BC



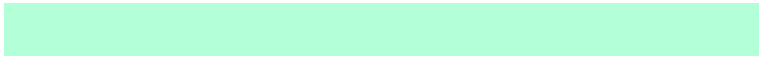
B3FFD7



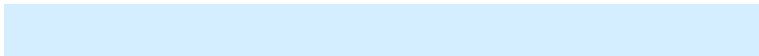
96FFF8

# Triad

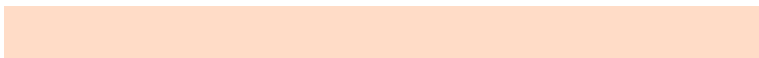
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B3FFD7



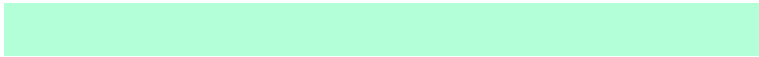
D5EEFF



FFDCC7

# Complementary

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



B3FFD7



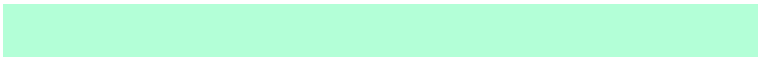
FFB3DB

# 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.



FFD7E5



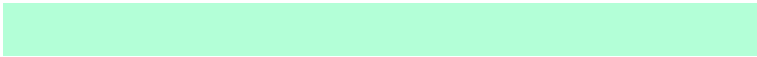
B3FFD7



FFE3FF

# Square

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



B3FFD7



A9F8FF



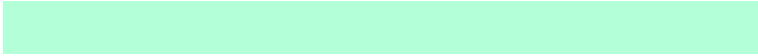
FFDAFF



FFE5B3

# Rectangle

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



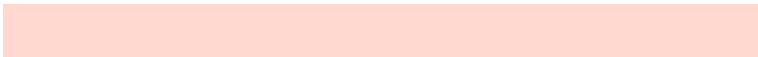
**B3FFD7**



**8EFFFF**



**FFDAFF**

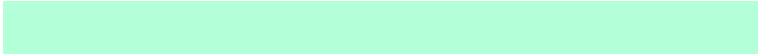


**FFD9D0**



# Sweetspot

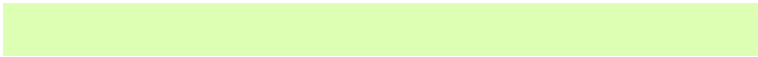
The Sweet Spot groups the original color and five complimentary colors.



B3FFD7



E8FFF3



DCFFB3



718078



000000

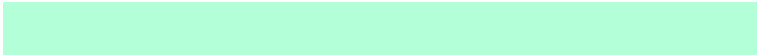


808080

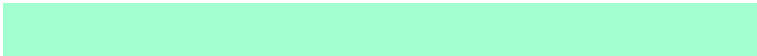


# Same Dimension

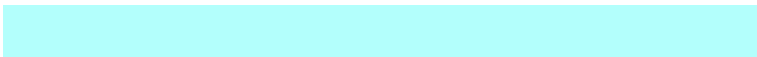
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B3FFD7



A3FFCF



B3FFFC



738079



00BF5B



00401E



# Inverse Universe

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



FFB3DB



FFA3D4



FFB3B6



807379



BF0065

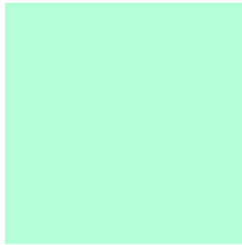


400022



# Previews

## White Background



This preview shows how the Hex color B3FFD7 looks on a white background.

## Color Contrast Check

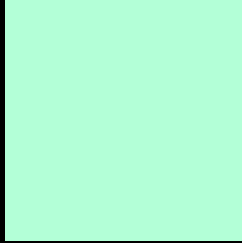
Large Text (above 18pt) WCAG AA × Fail

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 B3FFD7 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 B3FFD7 Background



This preview shows how black text looks on a background with the Hex color B3FFD7.

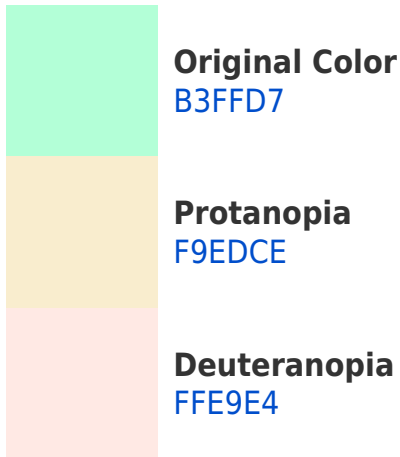


This preview shows how white text looks on a background with the Hex color B3FFD7.

# 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



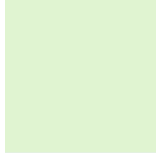


**Tritanopia**  
D4F3FF

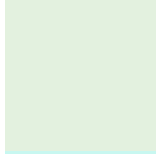
# Trichromacy



**Original Color**  
B3FFD7



**Protanomaly**  
E0F4D1

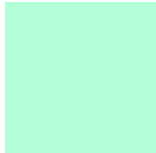


**Deuteranomaly**  
E3F1DF

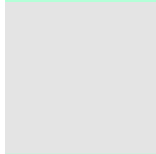


**Tritanomaly**  
C8F7F0

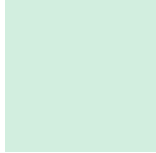
# Monochromacy



**Original Color**  
B3FFD7



**Achromatopsia**  
E4E4E4



**Achromatomaly**  
D2EEDF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3FFD7 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 #B3FFD7 looks like.

```
.text, #text, p{  
    color:#B3FFD7  
}
```

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 #B3FFD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3FFD7
}
```

## Border

The CSS property to change the border of an element to Hex B3FFD7 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
#B3FFD7 }
```

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

```
.border{ border-color:#B3FFD7 }
```

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

Here you see how a box with a 4 pixel #B3FFD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3FFD7; -webkit-box-shadow:4px 4px  
4px 4px #B3FFD7; box-shadow:4px 4px 4px  
4px #B3FFD7 }
```

# Background

The CSS property to change the background color of an element to Hex B3FFD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3FFD7 }
```

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

```
.background{ background-color:#B3FFD7 }
```

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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