

# Converting Colors

Hex(B5FFF8)

Have a look what the booklet for  
Hex(B5FFF8) contains.

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# **Color**

**Hex(B5FFF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5FFF8
RGB	181, 255, 248
RGB Percent	71%, 100%, 97%
CMY	0.2902, 0.0000, 0.0275
CMYK	0.29, 0.00, 0.03, 0.00
HSL	174°, 100%, 85%
HSV	174°, 29%, 100%
XYZ	71.7593, 88.1211, 102.0339
YIQ	232.0760, -41.8570, -17.8650

# Conversions

## Conversions Part 2

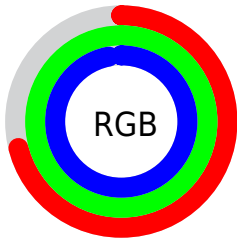
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 220, 255
Decimal	11927544
CIELab	95.21, -24.08, -3.97
CIElCh	95, 24.402, 189.365
Yxy	88.1211, 0.2740, 0.3365
Android (android.graphics.Color)	4290117624 (0xFFB5FFF8)
YUV	232.0760, 7.8505, -44.7937
Hunter-Lab	93.8728, -27.8264, 1.2665

# Details

The Hex color **B5FFF8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFB5BC**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **7EC6C0** is the 20% darker color. If you saturate the color by 10%, you get **9CFFF6**, and if you desaturate by 10%, it is **CFFFFA**.

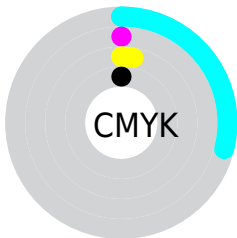
# Distribution



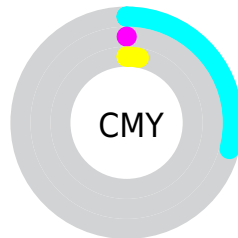
- Red (71%)
- Green (100%)
- Blue (97%)



- Red (71%)
- Yellow (86%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5FFF8 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 B5FFF8 by changing the saturation by 10% instead.



 B5FFF8

 B5FFF8

FFFFFF

 99E2DB

 EFFFFFF

 7EC6C0

 62ABA5

 47908A

 2B7671

 065D58

 004541

 002E2B

 001B17

 B5FFF8

 B5FFF8

 9CFFF6

 CFFFFA

 82FFF3

 E8FFFD

 69FFF1


FFFFFF

 4FFFEE

 36FFEC

 1CFFEA

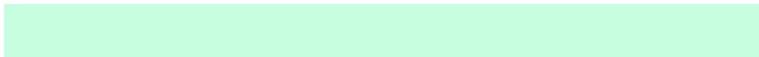
 03FFE7

 00FFE7

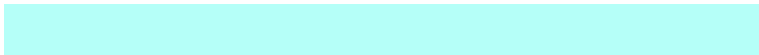
# Harmonies

## Analogous

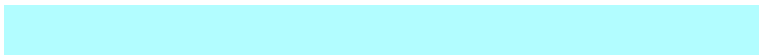
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C7FEE0



B5FFF8



B2FDFF

# Triad

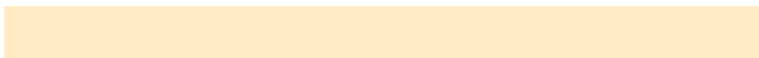
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B5FFF8



FFE9FF



FFEAC6

# Complementary

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



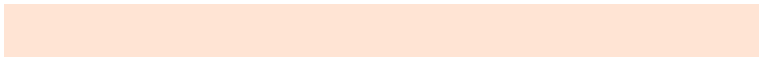
B5FFF8



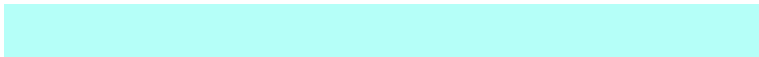
FFB5BC

# 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.



FFE4D4



B5FFF8



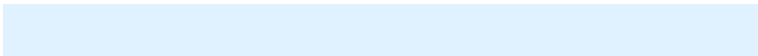
FFE3FF

# Square

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



B5FFF8



EOF1FF



FFE1EA



FCF2C3

# Rectangle

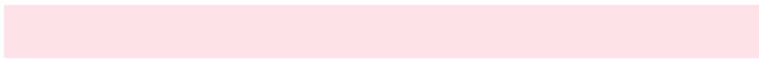
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



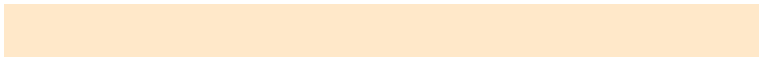
B5FFF8



BCFAFF



FFE1EA



FFE8C9



# Sweetspot

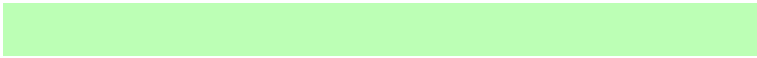
The Sweet Spot groups the original color and five complimentary colors.



B5FFF8



E8FFFD



BCFFB5



71807E



000000



808080



# Same Dimension

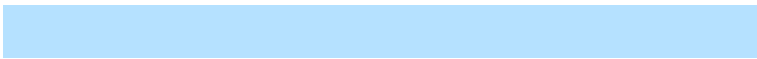
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B5FFF8



A6FFF7



B5E1FF



73807E



00BFAD



00403A



# Inverse Universe

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



FFB5BC



FFA6AE



FFD3B5



807374



BF0012

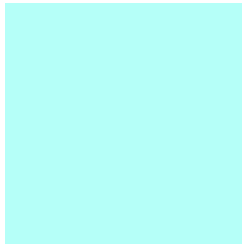


400006



# Previews

## White Background



This preview shows how the Hex color B5FFF8 looks on a white background.

## Color Contrast Check

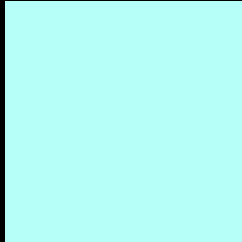
Large Text (above 18pt) WCAG AA × Fail

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 B5FFF8 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 B5FFF8 Background



This preview shows how black text looks on a background with the Hex color B5FFF8.

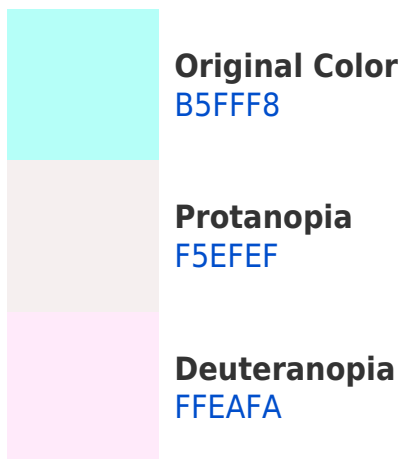


This preview shows how white text looks on a background with the Hex color B5FFF8.

# 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



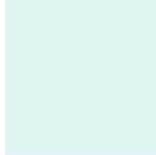


**Tritanopia**  
DAF5FF

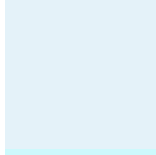
# Trichromacy



**Original Color**  
B5FFF8



**Protanomaly**  
DEF5F2



**Deuteranomaly**  
E4F2F9

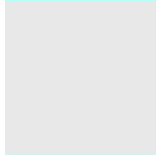


**Tritanomaly**  
CDF9FC

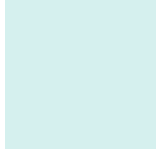
# Monochromacy



**Original Color**  
B5FFF8



**Achromatopsia**  
E8E8E8



**Achromatomaly**  
D5F0EE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5FFF8 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 #B5FFF8 looks like.

```
.text, #text, p{  
    color:#B5FFF8  
}
```

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 #B5FFF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5FFF8
}
```

## Border

The CSS property to change the border of an element to Hex B5FFF8 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
#B5FFF8 }
```

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

```
.border{ border-color:#B5FFF8 }
```

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

Here you see how a box with a 4 pixel #B5FFF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5FFF8; -webkit-box-shadow:4px 4px  
4px 4px #B5FFF8; box-shadow:4px 4px 4px  
4px #B5FFF8 }
```

# Background

The CSS property to change the background color of an element to Hex B5FFF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5FFF8 }
```

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

```
.background{ background-color:#B5FFF8 }
```

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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