

# Converting Colors

Hex(B7F1FA)

Have a look what the booklet for  
Hex(B7F1FA) contains.

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# **Color**

**Hex(B7F1FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7F1FA
RGB	183, 241, 250
RGB Percent	72%, 95%, 98%
CMY	0.2824, 0.0549, 0.0196
CMYK	0.27, 0.04, 0.00, 0.02
HSL	188°, 87%, 85%
HSV	188°, 27%, 98%
XYZ	68.2391, 79.8800, 102.2643
YIQ	224.6840, -37.4570, -9.4970

# Conversions

## Conversions Part 2

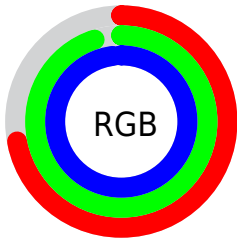
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 214, 250
Decimal	12055034
CIELab	91.63, -16.21, -10.29
CIElCh	92, 19.203, 212.409
Yxy	79.8800, 0.2725, 0.3190
Android (android.graphics.Color)	4290245114 (0xFFB7F1FA)
YUV	224.6840, 12.4808, -36.5569
Hunter-Lab	89.3756, -20.1210, -5.2772

# Details

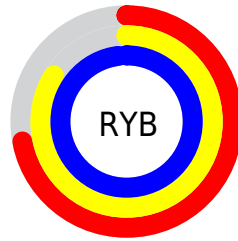
The Hex color **B7F1FA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FAC0B7**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **F0FFFF**, and **80B9C2** is the 20% darker color. If you saturate the color by 10%, you get **9EEEFA**, and if you desaturate by 10%, it is **D0F4FA**.

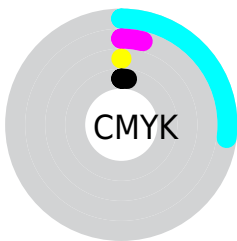
# Distribution



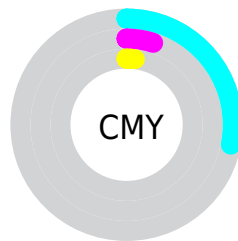
- Red (72%)
- Green (95%)
- Blue (98%)



- Red (72%)
- Yellow (84%)
- Blue (98%)



- Cyan (27%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (28%)
- Magenta (5%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7F1FA 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 B7F1FA by changing the saturation by 10% instead.



 B7F1FA

 B7F1FA

FFFFFF


 9BD5DD

 F0FFFF

 80B9C2

 659EA6

 4B848C

 316A73

 13525A

 003B43

 00252C

 000C18

 B7F1FA

 B7F1FA

 9EEEEFA

 D0F4FA

 85EAFA

 E9F8FA

 6CE7FA

 FFFBFA

 53E4FA

 FFFEFA

 3AE0FA

 FFFFFA

 21DDFA

 08D9FA

 00D8FA

# Harmonies

## Analogous

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



BCF2E8



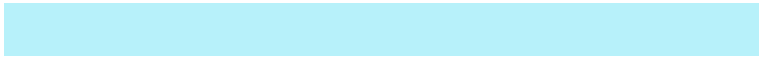
B7F1FA



C0EEFF

# Triad

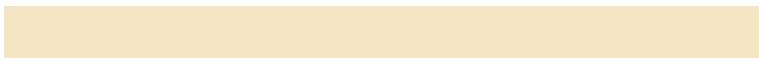
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B7F1FA



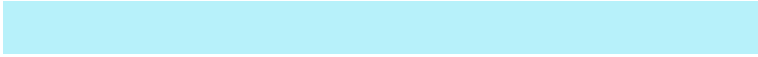
FFDDF8



F4E6C2

# Complementary

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



B7F1FA



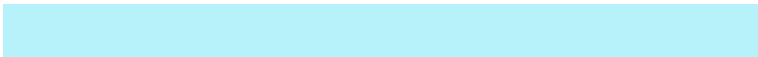
FAC0B7

# 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.



FFE0C7



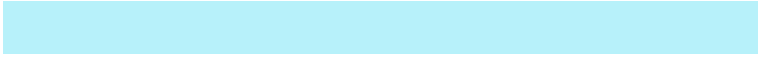
B7F1FA



FFDAE6

# Square

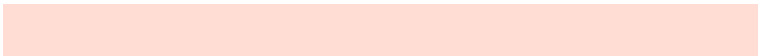
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



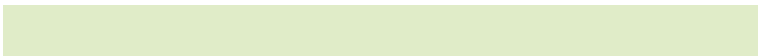
B7F1FA



ECE2FF



FFDCD4



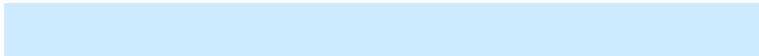
E0ECC8

# Rectangle

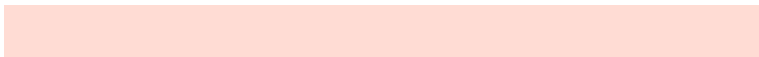
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



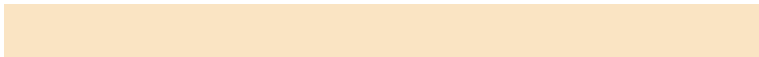
B7F1FA



CDEAFF



FFDCD4



FAE4C3

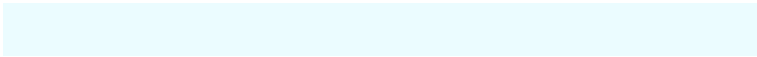


# Sweetspot

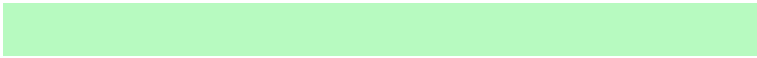
The Sweet Spot groups the original color and five complimentary colors.



B7F1FA



EBFCFF



B7FAC0



737E80



000000

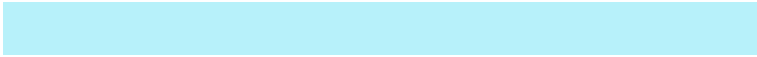


808080

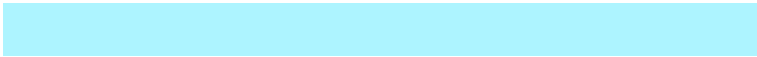


# Same Dimension

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



B7F1FA



ADF4FF



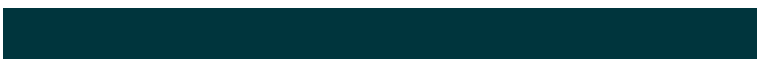
B7D0FA



707B7D



00A3BD



00353D



# Inverse Universe

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



FAB7F1



FFADF4



FAE1B7



7D707B



BD00A3

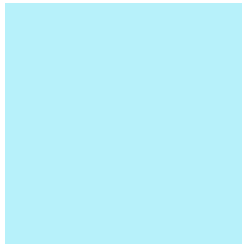


3D0035



# Previews

## White Background



This preview shows how the Hex color B7F1FA looks on a white background.

## Color Contrast Check

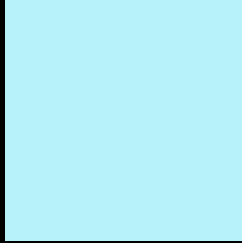
Large Text (above 18pt) WCAG AA × Fail

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 B7F1FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

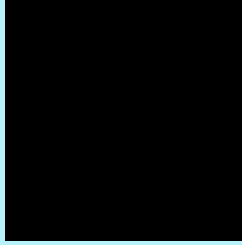
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7F1FA Background



This preview shows how black text looks on a background with the Hex color B7F1FA.

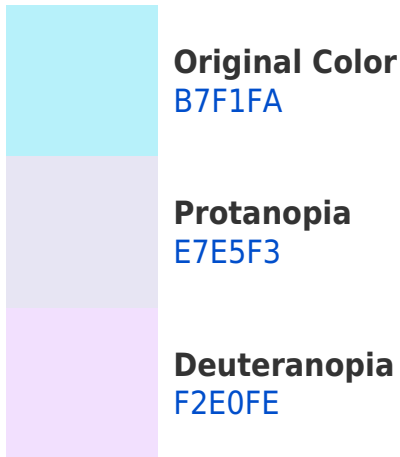


This preview shows how white text looks on a background with the Hex color B7F1FA.

# 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

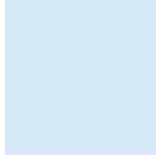




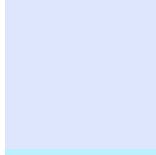
# Trichromacy



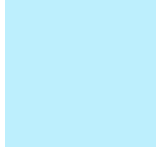
**Original Color**  
B7F1FA



**Protanomaly**  
D6E9F6



**Deuteranomaly**  
DDE6FD

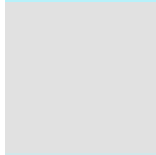


**Tritanomaly**  
BDEFFD

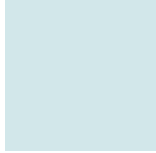
# Monochromacy



**Original Color**  
B7F1FA



**Achromatopsia**  
E1E1E1



**Achromatomaly**  
D2E7EA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7F1FA 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 #B7F1FA looks like.

```
.text, #text, p{  
    color:#B7F1FA  
}
```

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 #B7F1FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7F1FA
}
```

## Border

The CSS property to change the border of an element to Hex B7F1FA 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
#B7F1FA }
```

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

```
.border{ border-color:#B7F1FA }
```

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

Here you see how a box with a 4 pixel #B7F1FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7F1FA; -webkit-box-shadow:4px 4px  
4px 4px #B7F1FA; box-shadow:4px 4px 4px  
4px #B7F1FA }
```

# Background

The CSS property to change the background color of an element to Hex B7F1FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7F1FA }
```

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

```
.background{ background-color:#B7F1FA }
```

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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