

Converting Colors

Hex(B9E7F9)

Have a look what the booklet for
Hex(B9E7F9) contains.

Hex(B9E7F9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B9E7F9)

Conversions

Conversions Part 1

Format	Color
Hex	B9E7F9
RGB	185, 231, 249
RGB Percent	73%, 91%, 98%
CMY	0.2745, 0.0941, 0.0235
CMYK	0.26, 0.07, 0.00, 0.02
HSL	197°, 84%, 85%
HSV	197°, 26%, 98%
XYZ	65.6824, 74.3057, 100.5031
YIQ	219.2980, -33.1940, -4.1540

Conversions

Conversions Part 2

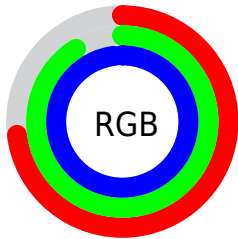
Format	Color
R _Y B	185, 212, 249
Decimal	12183545
CIE Lab	89.07, -10.82, -13.58
CIE LCh	89, 17.366, 231.453
Yxy	74.3057, 0.2731, 0.3090
Android (android.graphics.Color)	4290373625 (0xFFB9E7F9)
YUV	219.2980, 14.6431, -30.0793
Hunter-Lab	86.2007, -14.8396, -8.7869

Details

The Hex color **B9E7F9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F9CBB9**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **F2FFFF**, and **82AFC1** is the 20% darker color. If you saturate the color by 10%, you get **A0E0F9**, and if you desaturate by 10%, it is **D2EEF9**.

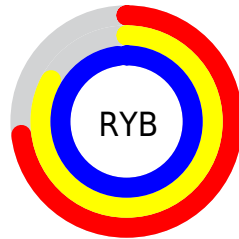
Distribution



Red (73%)

Green (91%)

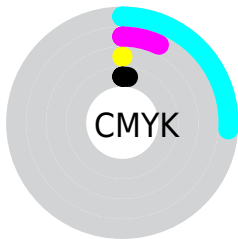
Blue (98%)



Red (73%)

Yellow (83%)

Blue (98%)

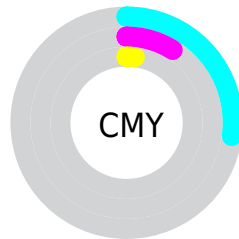


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9E7F9 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 B9E7F9 by changing the saturation by 10% instead.

 B9E7F9

 B9E7F9

FFFFFF

 9DCBDC

 F2FFFF

 82AFC1

 6895A5

 4E7B8B

 356272

 1A4A59

 003442

 001E2C

 000117

 B9E7F9

 B9E7F9

 A0E0F9

 D2EEF9

 87D9F9

 EBF5F9

 6ED2F9

 FFFCF9

 55CBF9

 FFFFF9

 3DC4F9

 24BDF9

 0BB6F9

 00B3F9

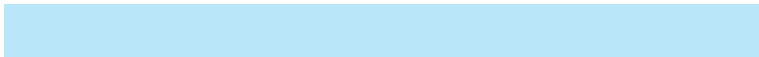
Harmonies

Analogous

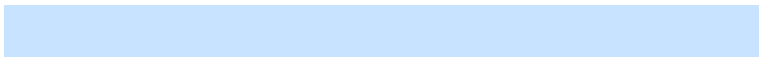
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B5E9EB



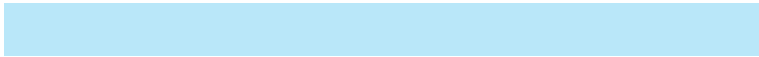
B9E7F9



C8E3FF

Triad

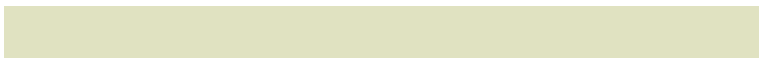
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B9E7F9



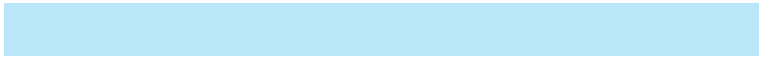
FFD5E5



E0E2C1

Complementary

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



B9E7F9



F9CBB9

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.



F2DDBF



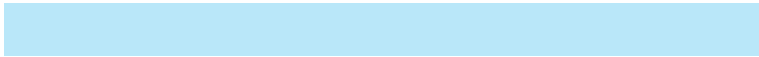
B9E7F9



FFD5D4

Square

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



B9E7F9



F1D8F5



FED8C6



CDE7CB

Rectangle

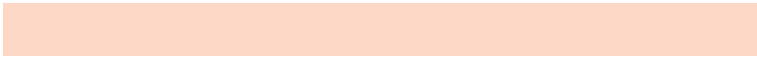
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B9E7F9



D6DFFF



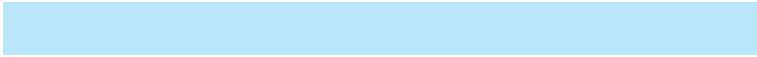
FED8C6



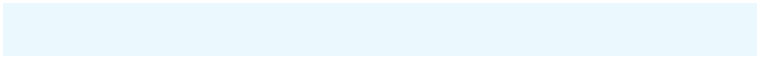
E6E1BF

Sweetspot

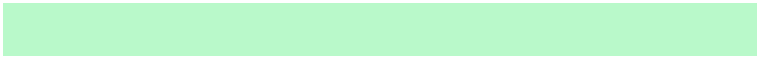
The Sweet Spot groups the original color and five complimentary colors.



B9E7F9



EBF9FF



B9F9CA



737C80



000000



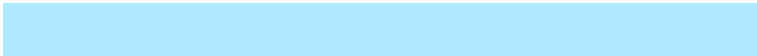
808080

Same Dimension

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



B9E7F9



B0E9FF



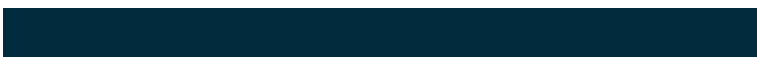
B9C8F9



70797D



0088BD



002C3D

Inverse Universe

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



F9B9E7



FFB0E9



F9EAB9



7D7079



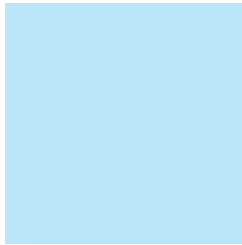
BD0088



3D002C

Previews

White Background



This preview shows how the Hex color B9E7F9 looks on a white background.

Color Contrast Check

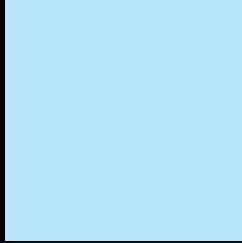
Large Text (above 18pt) WCAG AA × Fail

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 B9E7F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

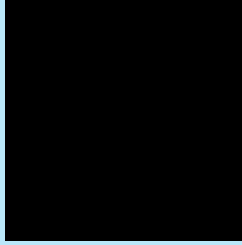
Any Text WCAG AA ✓ Pass

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 B9E7F9 Background



This preview shows how black text looks on a background with the Hex color B9E7F9.

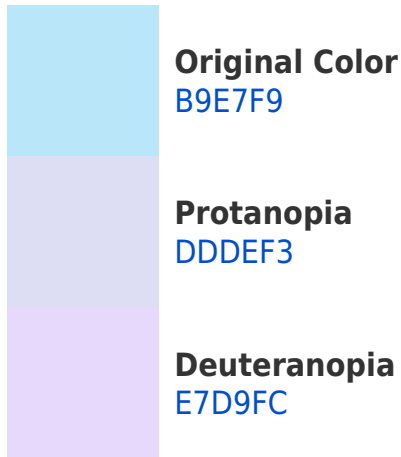


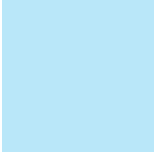
This preview shows how white text looks on a background with the Hex color B9E7F9.

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](#).

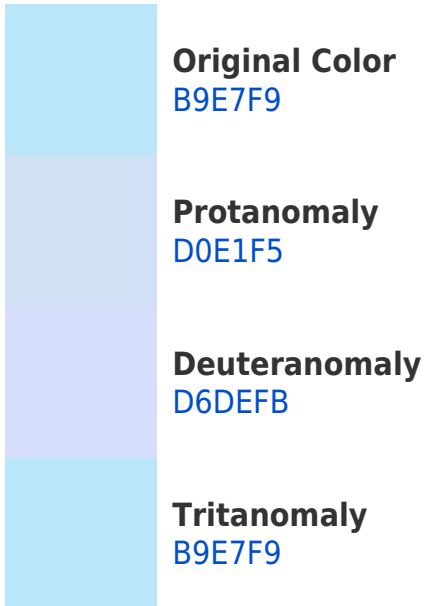
Dichromacy



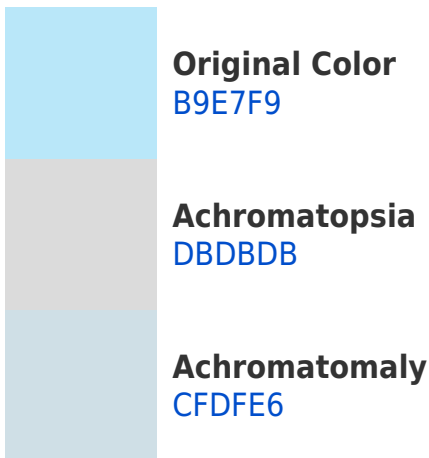


Tritanopia
B9E7F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9E7F9 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 #B9E7F9 looks like.

```
.text, #text, p{  
    color:#B9E7F9  
}
```

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 #B9E7F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9E7F9
}
```

Border

The CSS property to change the border of an element to Hex B9E7F9 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
#B9E7F9 }
```

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

```
.border{ border-color:#B9E7F9 }
```

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

Here you see how a box with a 4 pixel #B9E7F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9E7F9; -webkit-box-shadow:4px 4px  
4px 4px #B9E7F9; box-shadow:4px 4px 4px  
4px #B9E7F9 }
```

Background

The CSS property to change the background color of an element to Hex B9E7F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9E7F9 }
```

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

```
.background{ background-color:#B9E7F9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor