

# Converting Colors

Hex(B9ECFC)

Have a look what the booklet for  
Hex(B9ECFC) contains.

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**Color**

**Hex(B9ECFC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9ECFC
RGB	185, 236, 252
RGB Percent	73%, 93%, 99%
CMY	0.2745, 0.0745, 0.0118
CMYK	0.27, 0.06, 0.00, 0.01
HSL	194°, 92%, 86%
HSV	194°, 27%, 99%
XYZ	67.5737, 77.3335, 103.4608
YIQ	222.5750, -35.5320, -5.8360

# Conversions

## Conversions Part 2

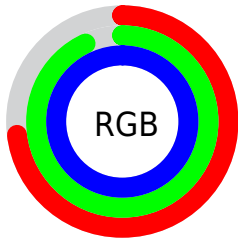
Format	Color
R <sub>Y</sub> B	185, 214, 252
Decimal	12184828
CIE Lab	90.47, -12.69, -13.05
CIE LCh	90, 18.199, 225.796
Yxy	77.3335, 0.2721, 0.3114
Android (android.graphics.Color)	4290374908 (0xFFB9ECFC)
YUV	222.5750, 14.5065, -32.9533
Hunter-Lab	87.9394, -16.7325, -8.1971

# Details

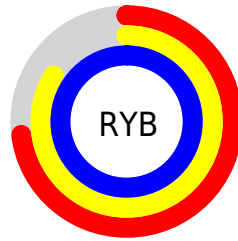
The Hex color **B9ECFC** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FCC9B9**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **F2FFFF**, and **82B4C3** is the 20% darker color. If you saturate the color by 10%, you get **A0E6FC**, and if you desaturate by 10%, it is **D2F2FC**.

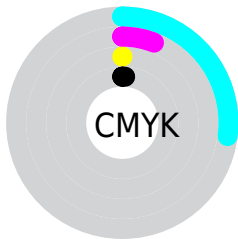
# Distribution



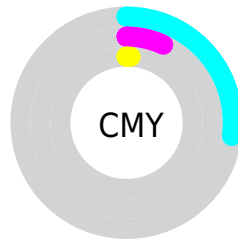
- Red (73%)
- Green (93%)
- Blue (99%)



- Red (73%)
- Yellow (84%)
- Blue (99%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (27%)
- Magenta (7%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9ECFC 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 B9ECFC by changing the saturation by 10% instead.



 B9ECFC

 B9ECFC

FFFFFF

 9DD0DF

 F2FFFF

 82B4C3

 6899A8

 4E7F8E

 346674

 184E5C

 003744

 00222E

 00051A

 B9ECFC

 B9ECFC

 A0E6FC

 D2F2FC

 87E0FC

 EBF8FC

 6DDAFC

 FFFEFC

 54D4FC

 FFFFFC

 3BCEFC

 22C8FC

 09C2FC

 00C0FC

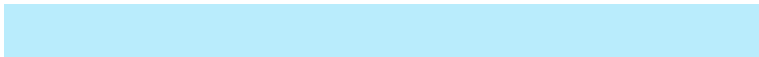
# Harmonies

## Analogous

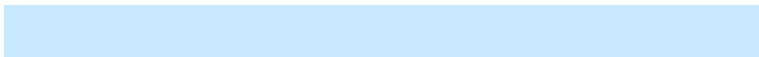
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B7EEEC



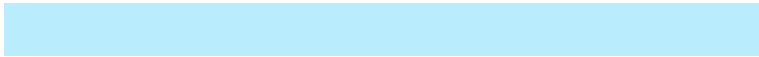
B9ECFC



C7E8FF

# Triad

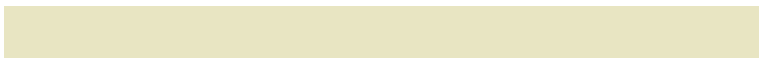
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B9ECFC



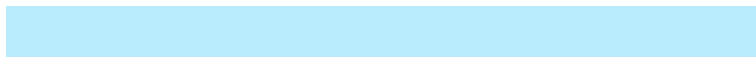
FFD9ED



E8E5C2

# Complementary

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



B9ECFC



FCC9B9

# 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.



FAE0C2



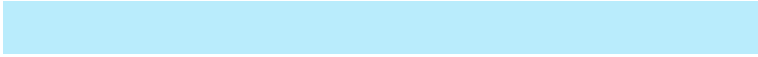
B9ECFC



FFD8DB

# Square

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



B9ECFC



F2DCFC



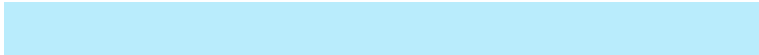
FFDBC8



D4EACB

# Rectangle

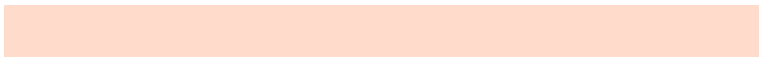
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B9ECFC



D5E4FF



FFDBC8

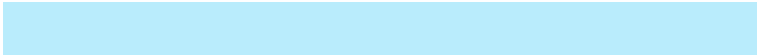


EEE4C1



# Sweetspot

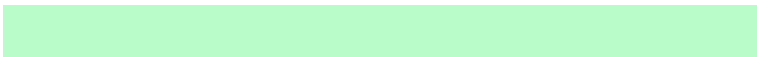
The Sweet Spot groups the original color and five complimentary colors.



B9ECFC



EBFAFF



B9FCC9



737C80



000000

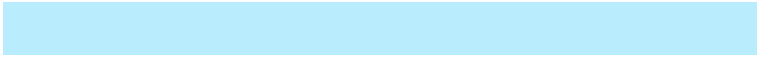


808080

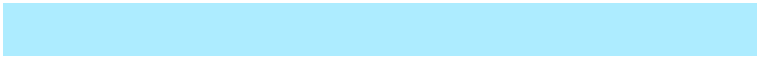


# Same Dimension

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



B9ECFC



ADECFE



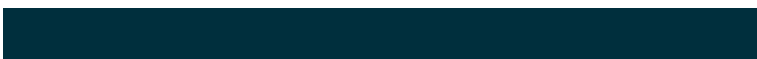
B9CBFC



707A7D



0090BD



002F3D



# Inverse Universe

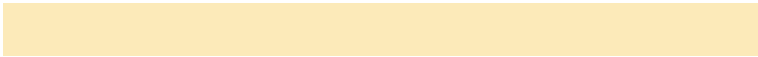
The Inverse Universe completely reimagines the original color for something new.



FCB9EC



FFADEC



FCEAB9



7D707A



BD0090

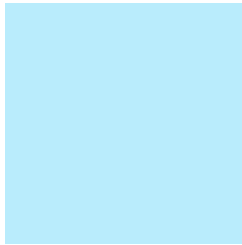


3D002F



# Previews

## White Background



This preview shows how the Hex color B9ECFC looks on a white background.

## Color Contrast Check

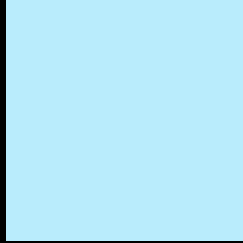
Large Text (above 18pt) WCAG AA × Fail

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 B9ECFC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

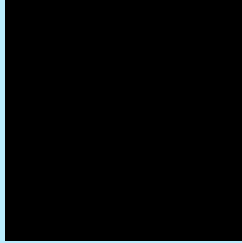
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9ECFC Background



This preview shows how black text looks on a background with the Hex color B9ECFC.



This preview shows how white text looks on a background with the Hex color B9ECFC.

# 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

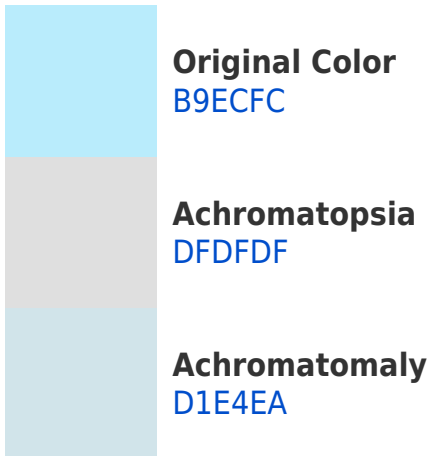




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9ECFC 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 #B9ECFC looks like.

```
.text, #text, p{  
    color:#B9ECFC  
}
```

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 #B9ECFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9ECFC
}
```

## Border

The CSS property to change the border of an element to Hex B9ECFC 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
#B9ECFC }
```

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

```
.border{ border-color:#B9ECFC }
```

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

Here you see how a box with a 4 pixel #B9ECFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9ECFC; -webkit-box-shadow:4px 4px  
4px 4px #B9ECFC; box-shadow:4px 4px 4px  
4px #B9ECFC }
```

# Background

The CSS property to change the background color of an element to Hex B9ECFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9ECFC }
```

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

```
.background{ background-color:#B9ECFC }
```

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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