

# Converting Colors

Hex(B9EFF5)

Have a look what the booklet for  
Hex(B9EFF5) contains.

<b>Hex(B9EFF5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B9EFF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9EFF5
RGB	185, 239, 245
RGB Percent	73%, 94%, 96%
CMY	0.2745, 0.0627, 0.0392
CMYK	0.24, 0.02, 0.00, 0.04
HSL	186°, 75%, 84%
HSV	186°, 24%, 96%
XYZ	67.3555, 78.6399, 98.0152
YIQ	223.5380, -34.1100, -9.5820

# Conversions

## Conversions Part 2

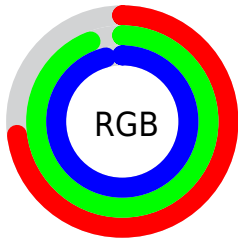
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	185, 213, 245
Decimal	12185589
CIE Lab	91.07, -15.74, -8.51
CIE LCh	91, 17.891, 208.388
Yxy	78.6399, 0.2760, 0.3223
Android (android.graphics.Color)	4290375669 (0xFFB9EFF5)
YUV	223.5380, 10.5808, -33.7978
Hunter-Lab	88.6791, -19.6102, -3.4566

# Details

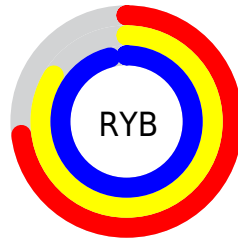
The Hex color **B9EFF5** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F5BFB9**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **F2FFFF**, and **82B7BD** is the 20% darker color. If you saturate the color by 10%, you get **A1EDF5**, and if you desaturate by 10%, it is **D2F1F5**.

# Distribution



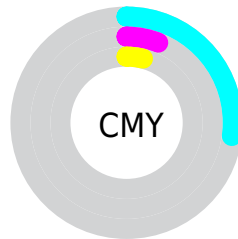
- Red (73%)
- Green (94%)
- Blue (96%)



- Red (73%)
- Yellow (84%)
- Blue (96%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (27%)
- Magenta (6%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9EFF5 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 B9EFF5 by changing the saturation by 10% instead.



 B9EFF5

 B9EFF5

FFFFFF

 9DD3D9

 F2FFFF

 82B7BD

 689CA2

 4E8288

 34696E

 195056

 00393F

 002429

 000815

 B9EFF5

 B9EFF5

 A1EDF5

 D2F1F5

 88EAF5

 EAF4F5

 70E8F5

 FFF6F5

 57E5F5

 FFF9F5

 3EE3F5

 FFFBF5

 26E0F5

 FFFE F5

 0EDEF5

 FFFFF5

 00DCF5

# Harmonies

## Analogous

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



BFEFE4



B9EFF5



C0ECFF

# Triad

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



B9EFF5



FBDCF8



F4E4C3

# Complementary

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



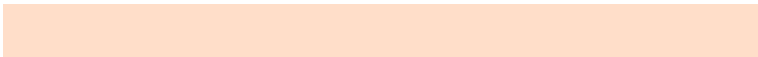
B9EFF5



F5BFB9

# 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.



FFDEC9



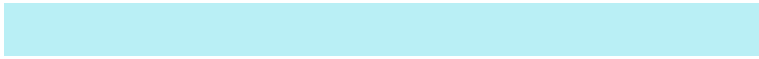
B9EFF5



FFDAE7

# Square

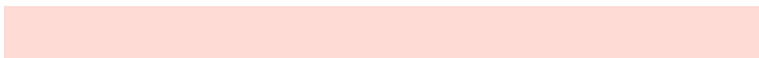
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B9EFF5



E8E1FF



FFDBD6



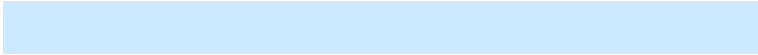
E1E9C7

# Rectangle

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



B9EFF5



CBE9FF



FFDBD6



FAE2C4

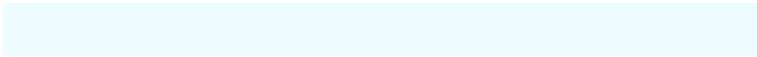


# Sweetspot

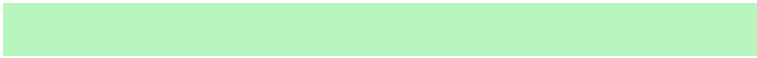
The Sweet Spot groups the original color and five complimentary colors.



B9EFF5



EDFDF5



B9F5BF



757E80



000000



808080



# Same Dimension

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



B9EFF5



B5F8FF



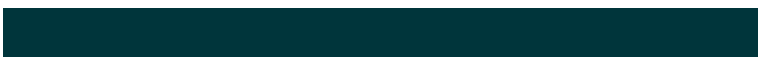
B9D1F5



6E797A



00A8BA



00353B



# Inverse Universe

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



F5B9EF



FFB5F8



F5DDB9



7A6E79



BA00A8

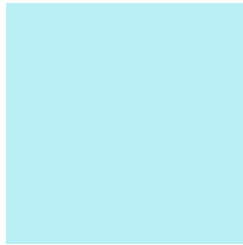


3B0035



# Previews

## White Background



This preview shows how the Hex color B9EFF5 looks on a white background.

## Color Contrast Check

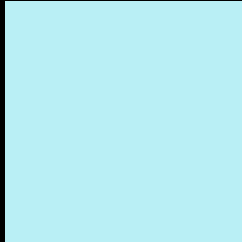
Large Text (above 18pt) WCAG AA × Fail

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 B9EFF5 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 B9EFF5 Background



This preview shows how black text looks on a background with the Hex color B9EFF5.



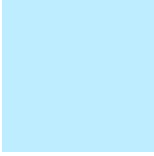
This preview shows how white text looks on a background with the Hex color B9EFF5.

# 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

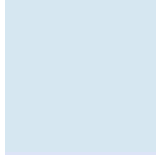




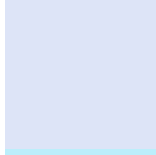
# Trichromacy



**Original Color**  
B9EFF5



**Protanomaly**  
D6E7F1



**Deuteranomaly**  
DDE4F7

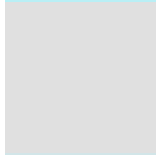


**Tritanomaly**  
BCEEFB

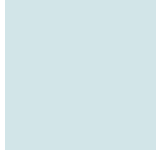
# Monochromacy



**Original Color**  
B9EFF5



**Achromatopsia**  
E0E0E0



**Achromatomaly**  
D2E5E8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9EFF5 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 #B9EFF5 looks like.

```
.text, #text, p{  
    color:#B9EFF5  
}
```

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 #B9EFF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9EFF5  
}
```

## Border

The CSS property to change the border of an element to Hex B9EFF5 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  
#B9EFF5 }
```

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

```
.border{ border-color:#B9EFF5 }
```

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

Here you see how a box with a 4 pixel #B9EFF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9EFF5; -webkit-box-shadow:4px 4px  
4px 4px #B9EFF5; box-shadow:4px 4px 4px  
4px #B9EFF5 }
```

# Background

The CSS property to change the background color of an element to Hex B9EFF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9EFF5 }
```

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

```
.background{ background-color:#B9EFF5 }
```

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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