

# Converting Colors

Hex(B6E3F9)

Have a look what the booklet for  
Hex(B6E3F9) contains.

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# **Color**

**Hex(B6E3F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6E3F9
RGB	182, 227, 249
RGB Percent	71%, 89%, 98%
CMY	0.2863, 0.1098, 0.0235
CMYK	0.27, 0.09, 0.00, 0.02
HSL	200°, 85%, 85%
HSV	200°, 27%, 98%
XYZ	63.8594, 71.7228, 100.1007
YIQ	216.0530, -33.8820, -2.6980

# Conversions

## Conversions Part 2

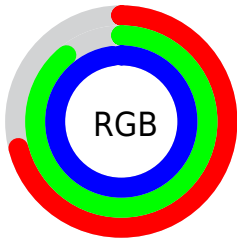
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	182, 209, 249
Decimal	11985913
CIE Lab	87.83, -9.64, -15.45
CIE LCh	88, 18.207, 238.029
Yxy	71.7228, 0.2710, 0.3043
Android (android.graphics.Color)	4290175993 (0xFFB6E3F9)
YUV	216.0530, 16.2429, -29.8645
Hunter-Lab	84.6893, -13.6097, -10.7968

# Details

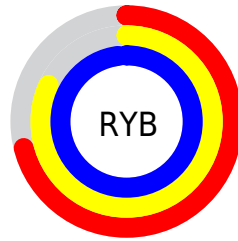
The Hex color **B6E3F9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F9CCB6**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **7FACC1** is the 20% darker color. If you saturate the color by 10%, you get **9DDBF9**, and if you desaturate by 10%, it is **CFEBF9**.

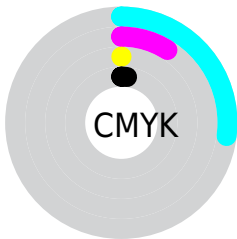
# Distribution



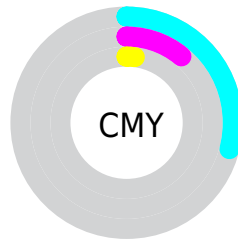
- Red (71%)
- Green (89%)
- Blue (98%)



- Red (71%)
- Yellow (82%)
- Blue (98%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (29%)
- Magenta (11%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6E3F9 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 B6E3F9 by changing the saturation by 10% instead.



 B6E3F9

FFFFFF

 EFFFFFF

 B6E3F9

 9AC7DC

 7FACC1

 6591A5

 4B778B

 325F72

 164759

 003142

 001C2B

 000117

 B6E3F9

 B6E3F9

 9DDBF9

 CFEBF9

 84D3F9

 E8F3F9

 6BCAF9

 FFFCF9

 52C2F9

 FFFFF9

 39BAF9

 21B2F9

 08AAF9

 00A7F9

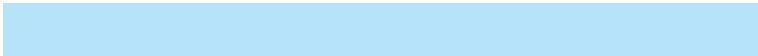
# Harmonies

## Analogous

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



AFE6EC



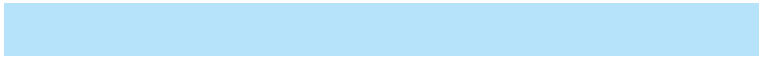
B6E3F9



C8DEFE

# Triad

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



B6E3F9



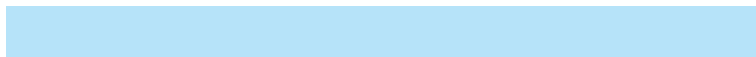
FED0DE



D8E0BE

# Complementary

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



B6E3F9



F9CCB6

# 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.



EBDBBA



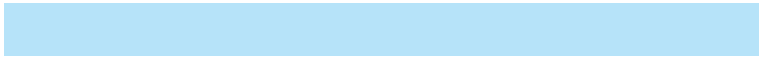
B6E3F9



FFD1CD

# Square

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



B6E3F9



F2D3EF



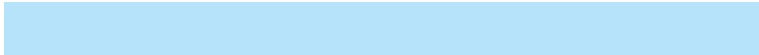
FAD5BF



C5E4C9

# Rectangle

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



B6E3F9



D7DAFD



FAD5BF

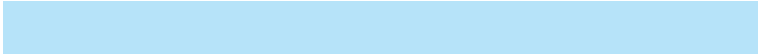


DFDEBB

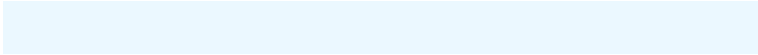


# Sweetspot

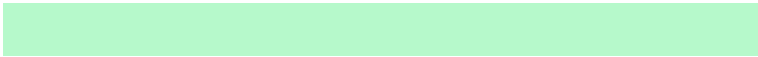
The Sweet Spot groups the original color and five complimentary colors.



B6E3F9



EBF8FF



B6F9CB



737B80



000000

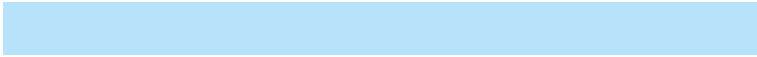


808080

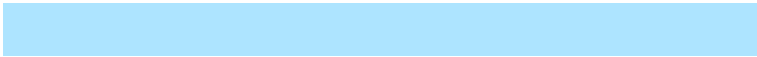


# Same Dimension

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



B6E3F9



ADE4FF



B6C2F9



70797D



007FBD



00293D



# Inverse Universe

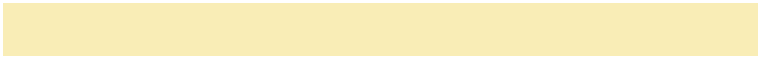
The Inverse Universe completely reimagines the original color for something new.



F9B6E3



FFADE4



F9EDB6



7D7079



BD007F

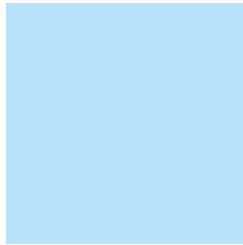


3D0029



# Previews

## White Background



This preview shows how the Hex color B6E3F9 looks on a white background.

## Color Contrast Check

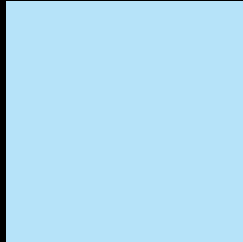
Large Text (above 18pt) WCAG AA × Fail

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 B6E3F9 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 B6E3F9 Background



This preview shows how black text looks on a background with the Hex color B6E3F9.

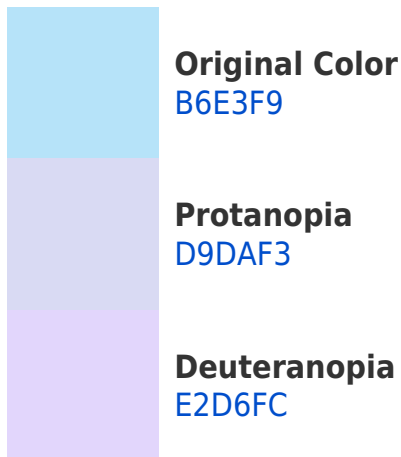


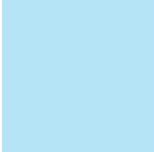
This preview shows how white text looks on a background with the Hex color B6E3F9.

# 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](#).

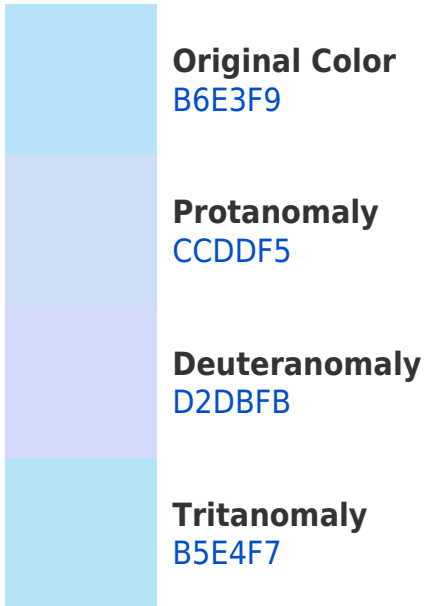
## Dichromacy



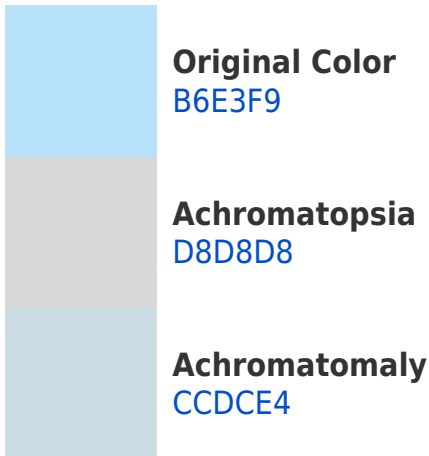


**Tritanopia**  
B5E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6E3F9 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 #B6E3F9 looks like.

```
.text, #text, p{  
    color:#B6E3F9  
}
```

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 #B6E3F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6E3F9
}
```

## Border

The CSS property to change the border of an element to Hex B6E3F9 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
#B6E3F9 }
```

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

```
.border{ border-color:#B6E3F9 }
```

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

Here you see how a box with a 4 pixel #B6E3F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6E3F9; -webkit-box-shadow:4px 4px  
4px 4px #B6E3F9; box-shadow:4px 4px 4px  
4px #B6E3F9 }
```

# Background

The CSS property to change the background color of an element to Hex B6E3F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6E3F9 }
```

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

```
.background{ background-color:#B6E3F9 }
```

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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