

# Converting Colors

Hex(B5E4F9)

Have a look what the booklet for  
Hex(B5E4F9) contains.

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# **Color**

**Hex(B5E4F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5E4F9
RGB	181, 228, 249
RGB Percent	71%, 89%, 98%
CMY	0.2902, 0.1059, 0.0235
CMYK	0.27, 0.08, 0.00, 0.02
HSL	199°, 85%, 84%
HSV	199°, 27%, 98%
XYZ	63.8983, 72.1501, 100.1811
YIQ	216.3410, -34.7530, -3.4330

# Conversions

## Conversions Part 2

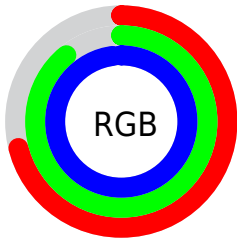
Format	Color
R <sub>Y</sub> B	181, 209, 249
Decimal	11920633
CIE Lab	88.04, -10.44, -15.14
CIE LCh	88, 18.392, 235.420
Yxy	72.1501, 0.2705, 0.3054
Android (android.graphics.Color)	4290110713 (0xFFB5E4F9)
YUV	216.3410, 16.1009, -30.9941
Hunter-Lab	84.9412, -14.3678, -10.4688

# Details

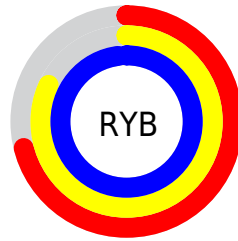
The Hex color **B5E4F9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F9CAB5**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **EEFFFF**, and **7EADC1** is the 20% darker color. If you saturate the color by 10%, you get **9CDCF9**, and if you desaturate by 10%, it is **CEECF9**.

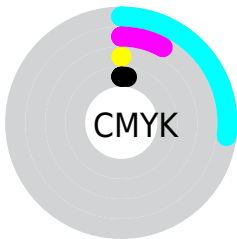
# Distribution



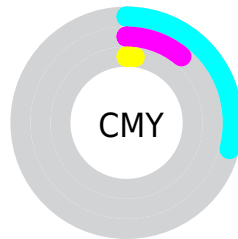
- Red (71%)
- Green (89%)
- Blue (98%)



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



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B5E4F9 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 B5E4F9 by changing the saturation by 10% instead.



 B5E4F9

 B5E4F9

FFFFFF

 99C8DC

 EEEFFF

 7EADC1

 6492A5

 4A788B

 305F72

 144859

 003142

 001D2B

 000117

 B5E4F9

 B5E4F9

 9CDCF9

 CEECF9

 83D5F9

 E7F3F9

 6ACDF9

 FFFBF9

 51C5F9

 FFFFF9

 39BEF9

 20B6F9

 07AEF9

 00ACF9

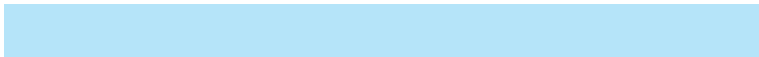
# Harmonies

## Analogous

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



AFE7EB



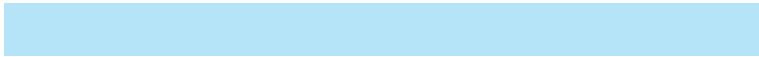
B5E4F9



C6DFFF

# Triad

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



B5E4F9



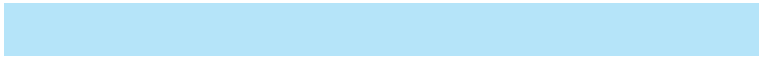
FFD1E0



DBE0BD

# Complementary

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



B5E4F9



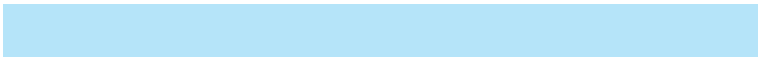
F9CAB5

# 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.



EEDBBA



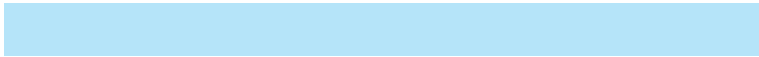
B5E4F9



FFD1CF

# Square

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



B5E4F9



F1D4F1



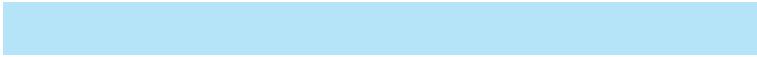
FCD5C1



C7E5C9

# Rectangle

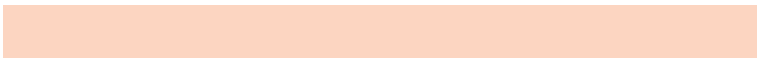
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B5E4F9



D5DBFE



FCD5C1

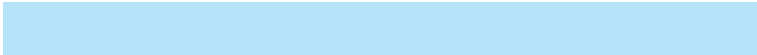


E1DFBB



# Sweetspot

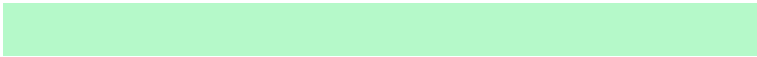
The Sweet Spot groups the original color and five complimentary colors.



B5E4F9



EBF9FF



B5F9C9



737C80



000000

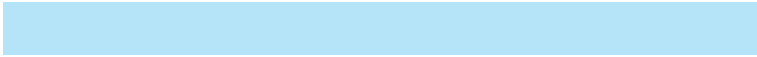


808080

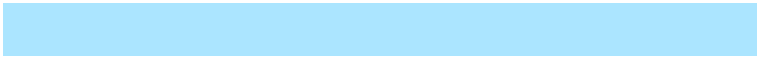


# Same Dimension

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



B5E4F9



ABE5FF



B5C3F9



70797D



0082BD



002A3D



# Inverse Universe

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



F9B5E4



FFABE5



F9EBB5



7D7079



BD0082

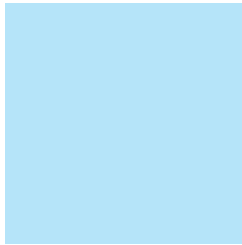


3D002A



# Previews

## White Background



This preview shows how the Hex color B5E4F9 looks on a white background.

## Color Contrast Check

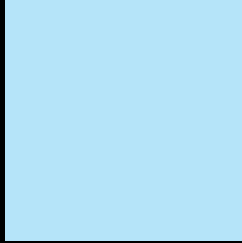
Large Text (above 18pt) WCAG AA × Fail

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 B5E4F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

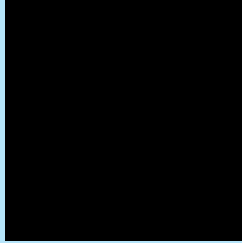
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5E4F9 Background



This preview shows how black text looks on a background with the Hex color B5E4F9.

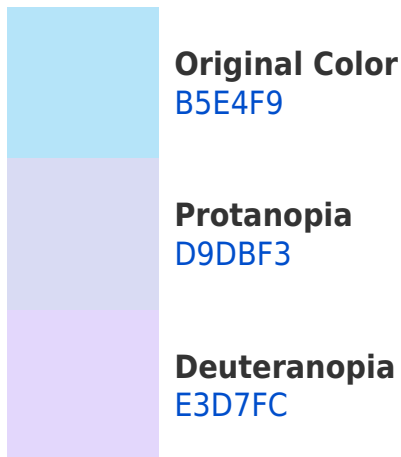


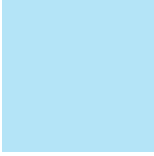
This preview shows how white text looks on a background with the Hex color B5E4F9.

# 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](#).

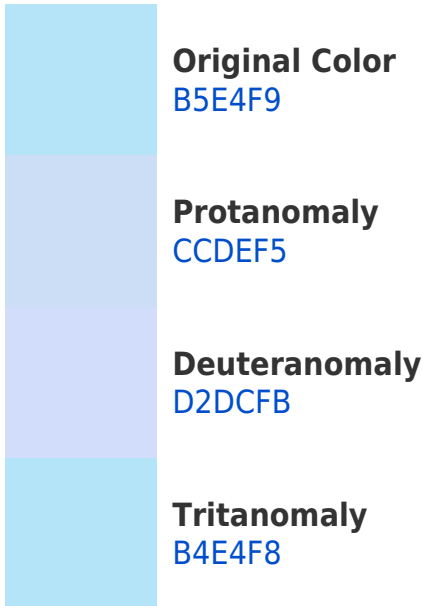
## Dichromacy



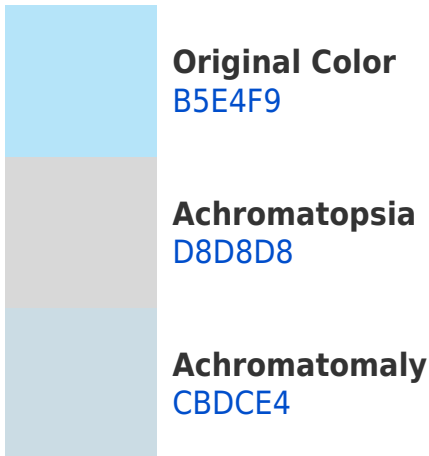


**Tritanopia**  
B4E4F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5E4F9 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 #B5E4F9 looks like.

```
.text, #text, p{  
    color:#B5E4F9  
}
```

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 #B5E4F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5E4F9
}
```

## Border

The CSS property to change the border of an element to Hex B5E4F9 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
#B5E4F9 }
```

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

```
.border{ border-color:#B5E4F9 }
```

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

Here you see how a box with a 4 pixel #B5E4F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5E4F9; -webkit-box-shadow:4px 4px  
4px 4px #B5E4F9; box-shadow:4px 4px 4px  
4px #B5E4F9 }
```

# Background

The CSS property to change the background color of an element to Hex B5E4F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5E4F9 }
```

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

```
.background{ background-color:#B5E4F9 }
```

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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