

Converting Colors

Hex(B5C9F8)

Have a look what the booklet for
Hex(B5C9F8) contains.

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Color

Hex(B5C9F8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B5C9F8 |
| RGB | 181, 201, 248 |
| RGB Percent | 71%, 79%, 97% |
| CMY | 0.2902, 0.2118, 0.0275 |
| CMYK | 0.27, 0.19, 0.00, 0.03 |
| HSL | 222°, 83%, 84% |
| HSV | 222°, 27%, 97% |
| XYZ | 56.8860, 58.3744, 97.0761 |
| YIQ | 200.3780, -27.0070, 10.3770 |

Conversions

Conversions Part 2

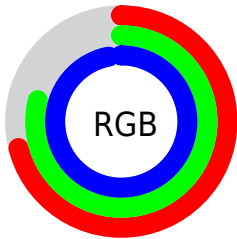
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 181, 196, 248 |
| Decimal | 11913720 |
| CIELab | 80.95, 3.49, -25.34 |
| CIELCh | 81, 25.583, 277.847 |
| Yxy | 58.3744, 0.2679, 0.2749 |
| Android (android.graphics.Color) | 4290103800 (0xFFB5C9F8) |
| YUV | 200.3780, 23.4776, -16.9945 |
| Hunter-Lab | 76.4031, -0.8032, -21.8504 |

Details

The Hex color **B5C9F8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F8E4B5**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **EEFFFF**, and **7F93BF** is the 20% darker color. If you saturate the color by 10%, you get **9CB8F8**, and if you desaturate by 10%, it is **CEDAF8**.

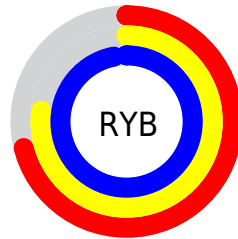
Distribution



Red (71%)

Green (79%)

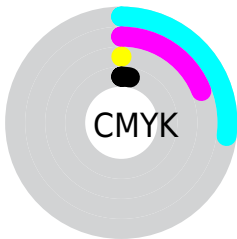
Blue (97%)



Red (71%)

Yellow (77%)

Blue (97%)

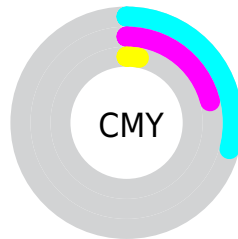


Cyan (27%)

Magenta (19%)

Yellow (0%)

Black (3%)



Cyan (29%)

Magenta (21%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5C9F8 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 B5C9F8 by changing the saturation by 10% instead.

 B5C9F8

 B5C9F8

FFFFFF

 9AAEDB

 EEEFFF

 7F93BF

 6579A4

 4B618A

 324970

 173358

 001E40

 00042A

 000114

 B5C9F8

 B5C9F8

 9CB8F8

 CEDAF8

 83A6F8

 E7ECF8

 6B95F8

 FFFDF8

 5283F8

 FFFFF8

 3972F8

 2061F8

 074FF8

 004AF8

Harmonies

Analogous

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



97D0F5



B5C9F8



D5C1EF

Triad

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



B5C9F8



F8BBAD



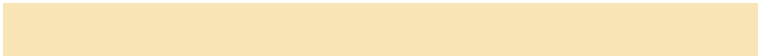
9FD5B6

Complementary

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



B5C9F8



F8E4B5

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.



BAD0A3



B5C9F8



EBC19D

Square

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



B5C9F8



F9B8C3



D5C99A



8AD7CF

Rectangle

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



B5C9F8



E6BCE3



D5C99A



A8D4AF

Sweetspot

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



B5C9F8



EBF1FF



B5F8E4



737780



000000



808080

Same Dimension

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



B5C9F8



ADC6FF



C2B5F8



70747D



0038BD



00123D

Inverse Universe

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



F8B5C9



FFADC6



EBF8B5



7D7074



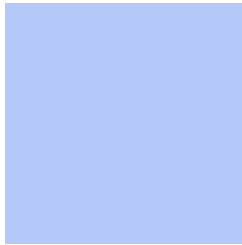
BD0038



3D0012

Previews

White Background



This preview shows how the Hex color B5C9F8 looks on a white background.

Color Contrast Check

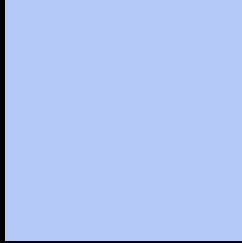
Large Text (above 18pt) WCAG AA × Fail

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 B5C9F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

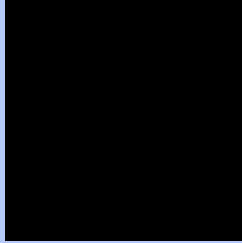
Any Text WCAG AA ✓ Pass

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 B5C9F8 Background



This preview shows how black text looks on a background with the Hex color B5C9F8.



This preview shows how white text looks on a background with the Hex color B5C9F8.

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

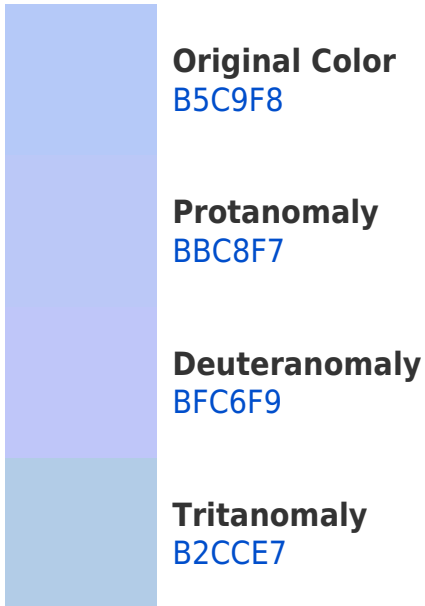


Original Color
B5C9F8

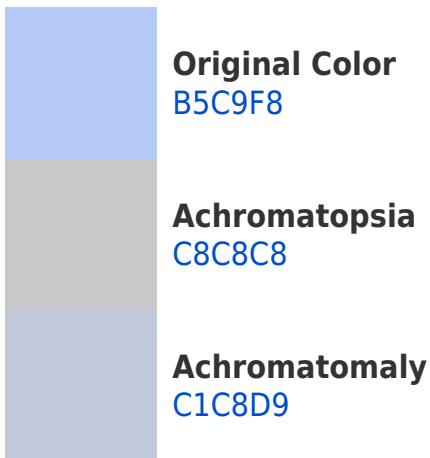
Protanopia
BEC7F6

Deuteranopia
C4C5F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5C9F8 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 #B5C9F8 looks like.

```
.text, #text, p{  
    color:#B5C9F8  
}
```

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 #B5C9F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5C9F8
}
```

Border

The CSS property to change the border of an element to Hex B5C9F8 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
#B5C9F8 }
```

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

```
.border{ border-color:#B5C9F8 }
```

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

Here you see how a box with a 4 pixel #B5C9F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5C9F8; -webkit-box-shadow:4px 4px  
4px 4px #B5C9F8; box-shadow:4px 4px 4px  
4px #B5C9F8 }
```

Background

The CSS property to change the background color of an element to Hex B5C9F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5C9F8 }
```

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

```
.background{ background-color:#B5C9F8 }
```

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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