

# Converting Colors

Hex(B5C6F1)

Have a look what the booklet for  
Hex(B5C6F1) contains.

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# **Color**

**Hex(B5C6F1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5C6F1
RGB	181, 198, 241
RGB Percent	71%, 78%, 95%
CMY	0.2902, 0.2235, 0.0549
CMYK	0.25, 0.18, 0.00, 0.05
HSL	223°, 68%, 83%
HSV	223°, 25%, 95%
XYZ	55.1273, 56.5628, 91.2313
YIQ	197.8190, -23.9350, 9.7690

# Conversions

## Conversions Part 2

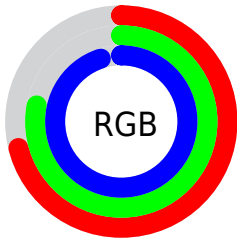
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 194, 241
Decimal	11912945
CIE <sub>Lab</sub>	79.93, 3.47, -23.15
CIE <sub>LCh</sub>	80, 23.406, 278.533
Yxy	56.5628, 0.2717, 0.2787
Android (android.graphics.Color)	4290103025 (0xFFB5C6F1)
YUV	197.8190, 21.2882, -14.7503
Hunter-Lab	75.2082, -0.7747, -19.2759

# Details

The Hex color **B5C6F1** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F1E0B5**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **EEFFFF**, and **7F90B9** is the 20% darker color. If you saturate the color by 10%, you get **9DB5F1**, and if you desaturate by 10%, it is **CDD7F1**.

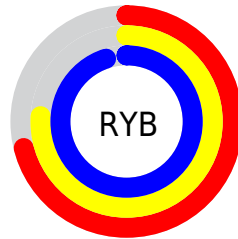
# Distribution



Red (71%)

Green (78%)

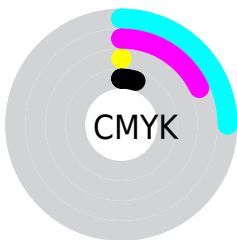
Blue (95%)



Red (71%)

Yellow (76%)

Blue (95%)

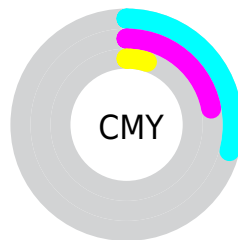


Cyan (25%)

Magenta (18%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (22%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5C6F1 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 B5C6F1 by changing the saturation by 10% instead.



 B5C6F1

FFFFFF

 EEEFFF

 B5C6F1

 9AABD5

 7F90B9

 65779E

 4C5E84

 33476A

 1A3052

 001C3B

 000025

 00010E

 B5C6F1

 B5C6F1

 9DB5F1

 CDD7F1

 85A3F1

 E5E9F1

 6D92F1

 FDFAF1

 5581F1

 FFFFF1

 3C70F1

 245EF1

 0C4DF1

 0044F1

# Harmonies

## Analogous

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



9ACDEE



B5C6F1



D2BFE8

# Triad

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



B5C6F1



F1B9AC



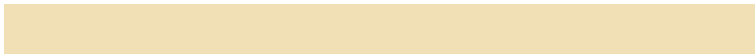
A0D1B6

# Complementary

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



B5C6F1



F1E0B5

# 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.



B8CDA4



B5C6F1



E5BF9E

# Square

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



B5C6F1



F3B7C1



D0C79B



8ED3CC

# Rectangle

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



B5C6F1



E2BADD



D0C79B



A7D0AF



# Sweetspot

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



B5C6F1



EDF2FF



B5F1E0



757880



000000



808080



# Same Dimension

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



B5C6F1



B3C8FF



C2B5F1



6C6F78



0034B8



001038



# Inverse Universe

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



F1B5C6



FFB3C8



E4F1B5



786C6F



B80034

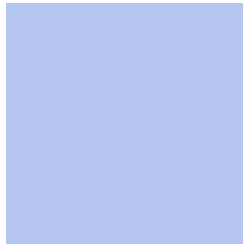


380010



# Previews

## White Background



This preview shows how the Hex color B5C6F1 looks on a white background.

## Color Contrast Check

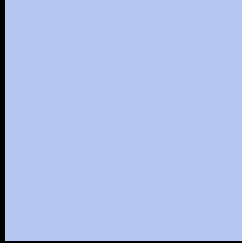
Large Text (above 18pt) WCAG AA × Fail

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 B5C6F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

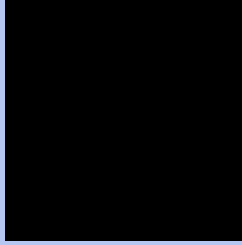
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

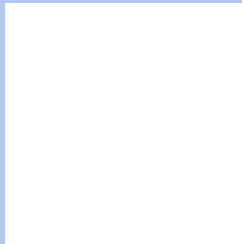
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5C6F1 Background



This preview shows how black text looks on a background with the Hex color B5C6F1.



This preview shows how white text looks on a background with the Hex color B5C6F1.

# 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



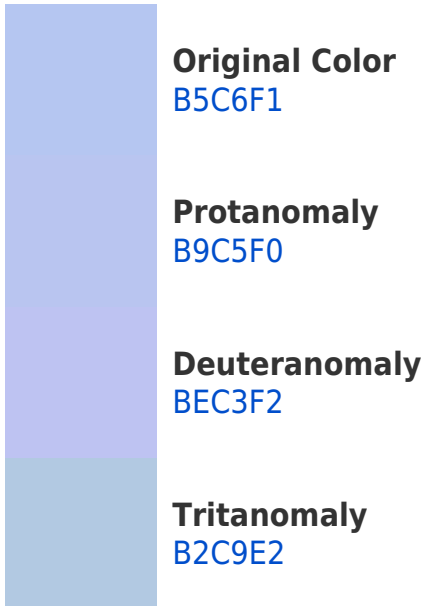
**Original Color**  
B5C6F1

**Protanopia**  
BCC4F0

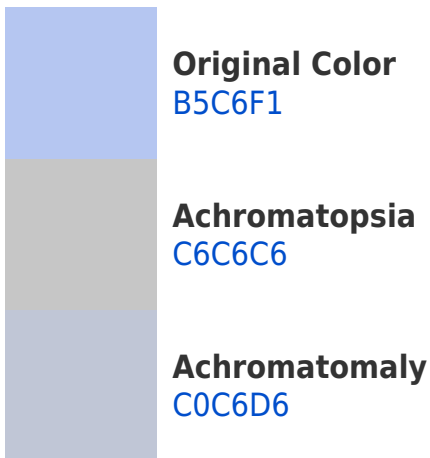
**Deuteranopia**  
C3C2F2



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5C6F1 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 #B5C6F1 looks like.

```
.text, #text, p{  
    color:#B5C6F1  
}
```

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 #B5C6F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5C6F1
}
```

## Border

The CSS property to change the border of an element to Hex B5C6F1 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
#B5C6F1 }
```

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

```
.border{ border-color:#B5C6F1 }
```

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

Here you see how a box with a 4 pixel #B5C6F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5C6F1; -webkit-box-shadow:4px 4px  
4px 4px #B5C6F1; box-shadow:4px 4px 4px  
4px #B5C6F1 }
```

# Background

The CSS property to change the background color of an element to Hex B5C6F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5C6F1 }
```

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

```
.background{ background-color:#B5C6F1 }
```

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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