

Converting Colors

Hex(B4C9F4)

Have a look what the booklet for
Hex(B4C9F4) contains.

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Color

Hex(B4C9F4)

Conversions

Conversions Part 1

Format	Color
Hex	B4C9F4
RGB	180, 201, 244
RGB Percent	71%, 79%, 96%
CMY	0.2941, 0.2118, 0.0431
CMYK	0.26, 0.18, 0.00, 0.04
HSL	220°, 74%, 83%
HSV	220°, 26%, 96%
XYZ	56.0382, 58.0082, 93.8311
YIQ	199.6230, -26.3190, 8.9210

Conversions

Conversions Part 2

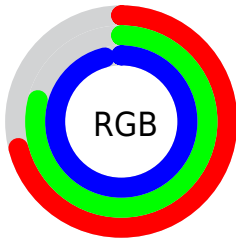
Format	Color
R _Y B	180, 196, 244
Decimal	11848180
CIE Lab	80.74, 2.26, -23.52
CIE LCh	81, 23.633, 275.498
Yxy	58.0082, 0.2696, 0.2791
Android (android.graphics.Color)	4290038260 (0xFFB4C9F4)
YUV	199.6230, 21.8779, -17.2094
Hunter-Lab	76.1631, -1.9515, -19.7296

Details

The Hex color **B4C9F4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F4DFB4**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **EDFFFF**, and **7E93BC** is the 20% darker color. If you saturate the color by 10%, you get **9CB9F4**, and if you desaturate by 10%, it is **CCD9F4**.

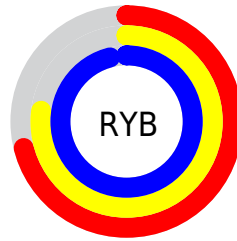
Distribution



Red (71%)

Green (79%)

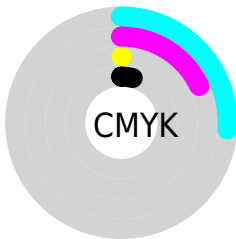
Blue (96%)



Red (71%)

Yellow (77%)

Blue (96%)

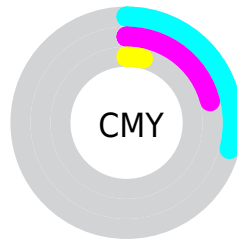


Cyan (26%)

Magenta (18%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (21%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4C9F4 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 B4C9F4 by changing the saturation by 10% instead.

 B4C9F4

 B4C9F4

FFFFFF

 99AED8

 EDFFFF

 7E93BC

 6479A1

 4A6186

 31496D

 173354

 001E3D

 000427

 000111

 B4C9F4

 B4C9F4

 9CB9F4

 CCD9F4

 83A8F4

 E5EAF4

 6B98F4

 FDFAF4

 5287F4

 FFFFF4

 3A77F4

 2267F4

 0956F4

 0050F4

Harmonies

Analogous

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



99D0F0



B4C9F4



D1C1EC

Triad

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



B4C9F4



F5BBB0



A4D3B5

Complementary

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



B4C9F4



F4DFB4

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.



BDCFA4



B4C9F4



E9C1A1

Square

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



B4C9F4



F5B9C5



D5C89D



91D5CC

Rectangle

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



B4C9F4



E2BDE2



D5C89D



ACD2AF

Sweetspot

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



B4C9F4



EBF1FF



B4F4DF



737780



000000



808080

Same Dimension

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



B4C9F4



B0CAFF



BFB4F4



6E727A



003DBA



00133B

Inverse Universe

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



F4B4C9



FFB0CA



E9F4B4



7A6E72



BA003D



3B0013

Previews

White Background



This preview shows how the Hex color B4C9F4 looks on a white background.

Color Contrast Check

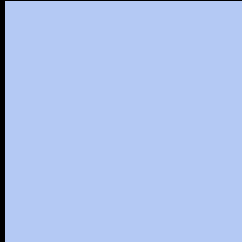
Large Text (above 18pt) WCAG AA × Fail

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 B4C9F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

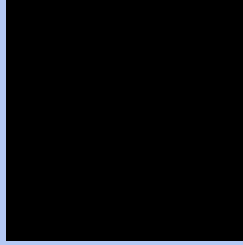
Any Text WCAG AA ✓ Pass

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 B4C9F4 Background



This preview shows how black text looks on a background with the Hex color B4C9F4.



This preview shows how white text looks on a background with the Hex color B4C9F4.

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

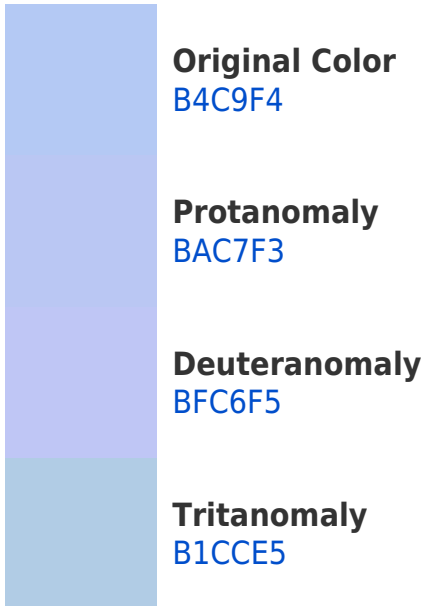


Original Color
B4C9F4

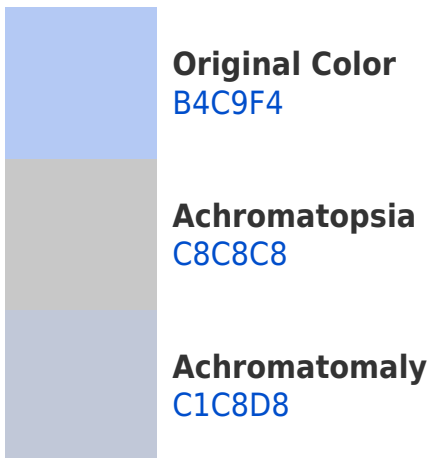
Protanopia
BEC6F2

Deuteranopia
C5C4F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4C9F4 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 #B4C9F4 looks like.

```
.text, #text, p{  
    color:#B4C9F4  
}
```

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 #B4C9F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4C9F4  
}
```

Border

The CSS property to change the border of an element to Hex B4C9F4 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  
#B4C9F4 }
```

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

```
.border{ border-color:#B4C9F4 }
```

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

Here you see how a box with a 4 pixel #B4C9F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4C9F4; -webkit-box-shadow:4px 4px  
4px 4px #B4C9F4; box-shadow:4px 4px 4px  
4px #B4C9F4 }
```

Background

The CSS property to change the background color of an element to Hex B4C9F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4C9F4 }
```

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

```
.background{ background-color:#B4C9F4 }
```

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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