

Converting Colors

Hex(B1C8F4)

Have a look what the booklet for
Hex(B1C8F4) contains.

Hex(B1C8F4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B1C8F4)

Conversions

Conversions Part 1

Format	Color
Hex	B1C8F4
RGB	177, 200, 244
RGB Percent	69%, 78%, 96%
CMY	0.3059, 0.2157, 0.0431
CMYK	0.27, 0.18, 0.00, 0.04
HSL	219°, 75%, 83%
HSV	219°, 27%, 96%
XYZ	55.1149, 57.1873, 93.7213
YIQ	198.1390, -27.8320, 8.8080

Conversions

Conversions Part 2

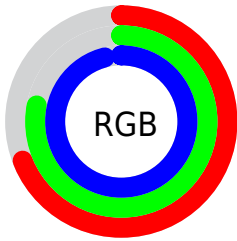
Format	Color
RYB	177, 194, 244
Decimal	11651316
CIELab	80.28, 1.93, -24.24
CIElCh	80, 24.317, 274.541
Yxy	57.1873, 0.2675, 0.2776
Android (android.graphics.Color)	4289841396 (0xFFB1C8F4)
YUV	198.1390, 22.6095, -18.5389
Hunter-Lab	75.6223, -2.2451, -20.5446

Details

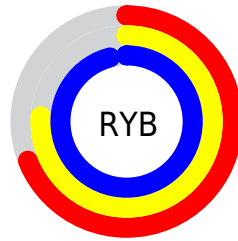
The Hex color **B1C8F4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F4DDB1**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **EAEFFF**, and **7B92BC** is the 20% darker color. If you saturate the color by 10%, you get **99B8F4**, and if you desaturate by 10%, it is **C9D8F4**.

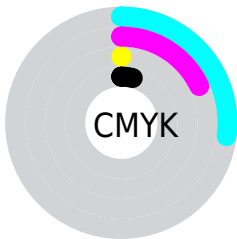
Distribution



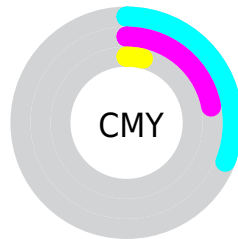
- Red (69%)
- Green (78%)
- Blue (96%)



- Red (69%)
- Yellow (76%)
- Blue (96%)



- Cyan (27%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (31%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1C8F4 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 B1C8F4 by changing the saturation by 10% instead.

 B1C8F4

 B1C8F4

FFFFFF

 96ADD8

 EAFFFF

 7B92BC

 6179A1

 476086

 2E486D

 133254

 001D3D

 000227

 000111

 B1C8F4

 B1C8F4

 99B8F4

 C9D8F4

 80A8F4

 E2E8F4

 6898F4

 FAF8F4

 4F88F4

 FFFFF4

 3778F4

 1F68F4

 0658F4

 0054F4

Harmonies

Analogous

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



95CFEF



B1C8F4



CFC0ED

Triad

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



B1C8F4



F5B9AE



A2D2B3

Complementary

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



B1C8F4



F4DDB1

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.



BCCEA1



B1C8F4



E9BF9F

Square

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



B1C8F4



F5B7C4



D5C79A



8ED4CA

Rectangle

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



B1C8F4



E1BCE2



D5C79A



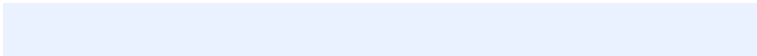
AAD1AC

Sweetspot

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



B1C8F4



EBF2FF



B1F4DD



737780



000000



808080

Same Dimension

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



B1C8F4



ABC8FF



BBB1F4



6E727A



0040BA



00143B

Inverse Universe

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



F4B1C8



FFABC8



EAF4B1



7A6E72



BA0040



3B0014

Previews

White Background



This preview shows how the Hex color B1C8F4 looks on a white background.

Color Contrast Check

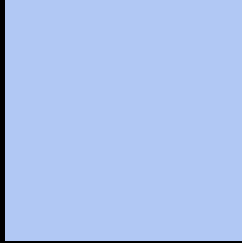
Large Text (above 18pt) WCAG AA × Fail

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 B1C8F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

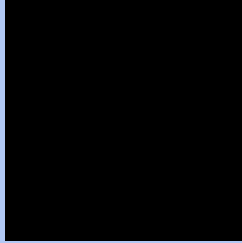
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

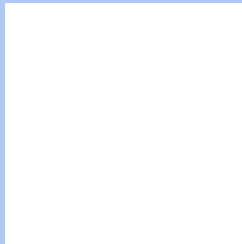
Any Text WCAG AAA ✓ Pass

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

Hex B1C8F4 Background



This preview shows how black text looks on a background with the Hex color B1C8F4.

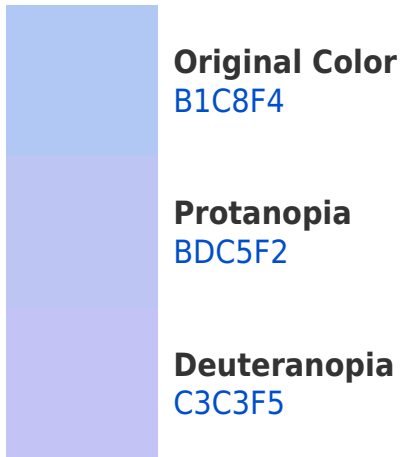


This preview shows how white text looks on a background with the Hex color B1C8F4.

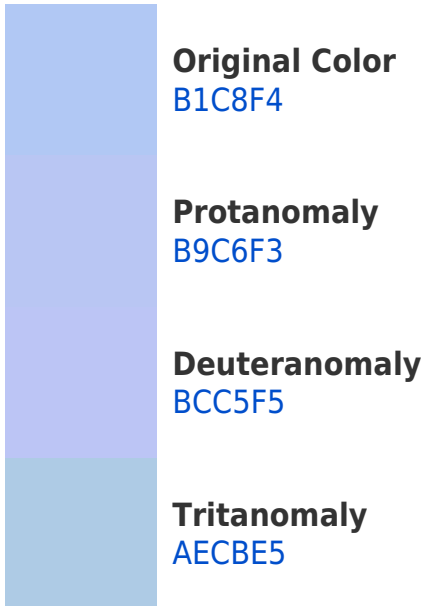
Color Blindness Simulation

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](#).

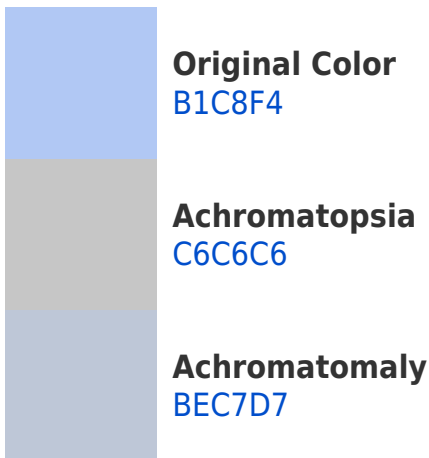
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1C8F4 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 #B1C8F4 looks like.

```
.text, #text, p{  
    color:#B1C8F4  
}
```

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 #B1C8F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C8F4
}
```

Border

The CSS property to change the border of an element to Hex B1C8F4 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
#B1C8F4 }
```

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

```
.border{ border-color:#B1C8F4 }
```

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

Here you see how a box with a 4 pixel #B1C8F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C8F4; -webkit-box-shadow:4px 4px  
4px 4px #B1C8F4; box-shadow:4px 4px 4px  
4px #B1C8F4 }
```

Background

The CSS property to change the background color of an element to Hex B1C8F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C8F4 }
```

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

```
.background{ background-color:#B1C8F4 }
```

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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