

Converting Colors

Hex(B9CAF4)

Have a look what the booklet for
Hex(B9CAF4) contains.

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Color

Hex(B9CAF4)

Conversions

Conversions Part 1

Format	Color
Hex	B9CAF4
RGB	185, 202, 244
RGB Percent	73%, 79%, 96%
CMY	0.2745, 0.2078, 0.0431
CMYK	0.24, 0.17, 0.00, 0.04
HSL	223°, 73%, 84%
HSV	223°, 24%, 96%
XYZ	57.4572, 59.0870, 93.9646
YIQ	201.7050, -23.6140, 9.4580

Conversions

Conversions Part 2

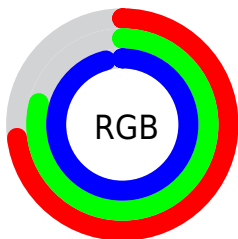
Format	Color
R _{YB}	185, 198, 244
Decimal	12176116
CIE Lab	81.34, 3.20, -22.59
CIE LCh	81, 22.813, 278.076
Yxy	59.0870, 0.2729, 0.2807
Android (android.graphics.Color)	4290366196 (0xFFB9CAF4)
YUV	201.7050, 20.8514, -14.6503
Hunter-Lab	76.8681, -1.0942, -18.6692

Details

The Hex color **B9CAF4** is a light color, and the websafe version is hex **CCCCCCFF**. A complement of this color would be **F4E3B9**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **F2FFFF**, and **8394BC** is the 20% darker color. If you saturate the color by 10%, you get **A1B9F4**, and if you desaturate by 10%, it is **D1DBF4**.

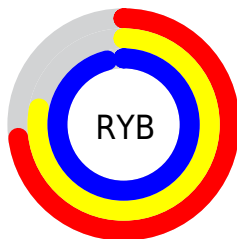
Distribution



Red (73%)

Green (79%)

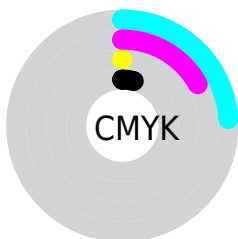
Blue (96%)



Red (73%)

Yellow (78%)

Blue (96%)

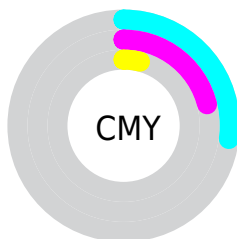


Cyan (24%)

Magenta (17%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (21%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9CAF4 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 B9CAF4 by changing the saturation by 10% instead.

 B9CAF4

 B9CAF4

FFFFFF

 9EAFD8

 F2FFFF

 8394BC

 697AA1

 506286

 374A6D

 1E3354

 021F3D

 000527

 000111

 B9CAF4

 B9CAF4

 A1B9F4

 D1DBF4

 88A7F4

 EAEDF4

 7096F4

 FFFEF4

 5785F4

 FFFFF4

 3F73F4

 2762F4

 0E50F4

 0046F4

Harmonies

Analogous

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



9FD1F1



B9CAF4



D5C3EC

Triad

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



B9CAF4



F4BDB1



A5D5B9

Complementary

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



B9CAF4



F4E3B9

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.



BDD1A8



B9CAF4



E8C3A3

Square

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



B9CAF4



F6BBC5



D5CAA0



93D6CF

Rectangle

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



B9CAF4



E5BFE1



D5CAA0



ACD4B3

Sweetspot

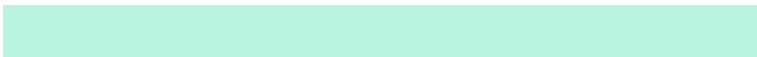
The Sweet Spot groups the original color and five complimentary colors.



B9CAF4



EDF2FF



B9F4E2



757880



000000



808080

Same Dimension

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



B9CAF4



B5CAFF



C5B9F4



6E727A



0036BA



00113B

Inverse Universe

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



F4B9CA



FFB5CA



E8F4B9



7A6E72



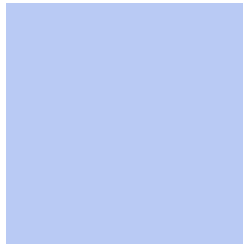
BA0036



3B0011

Previews

White Background



This preview shows how the Hex color B9CAF4 looks on a white background.

Color Contrast Check

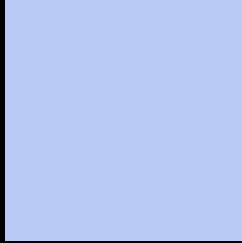
Large Text (above 18pt) WCAG AA × Fail

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 B9CAF4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

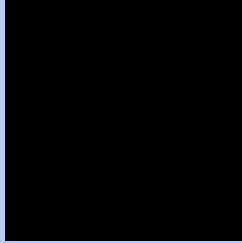
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

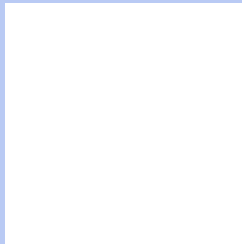
Any Text WCAG AAA ✓ Pass

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

Hex B9CAF4 Background



This preview shows how black text looks on a background with the Hex color B9CAF4.



This preview shows how white text looks on a background with the Hex color B9CAF4.

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

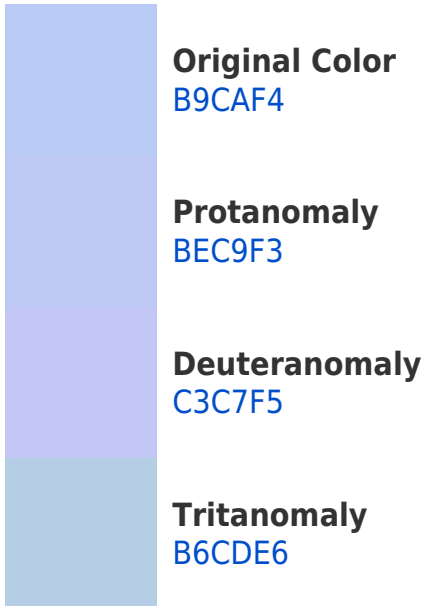


Original Color
B9CAF4

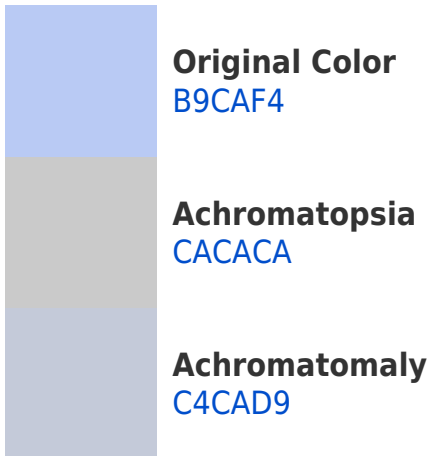
Protanopia
C1C8F3

Deuteranopia
C8C5F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9CAF4 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 #B9CAF4 looks like.

```
.text, #text, p{  
    color:#B9CAF4  
}
```

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 #B9CAF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9CAF4  
}
```

Border

The CSS property to change the border of an element to Hex B9CAF4 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  
#B9CAF4 }
```

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

```
.border{ border-color:#B9CAF4 }
```

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

Here you see how a box with a 4 pixel #B9CAF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9CAF4; -webkit-box-shadow:4px 4px  
4px 4px #B9CAF4; box-shadow:4px 4px 4px  
4px #B9CAF4 }
```

Background

The CSS property to change the background color of an element to Hex B9CAF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9CAF4 }
```

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

```
.background{ background-color:#B9CAF4 }
```

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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