

Converting Colors

Hex(B4CAF3)

Have a look what the booklet for
Hex(B4CAF3) contains.

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Color

Hex(B4CAF3)

Conversions

Conversions Part 1

Format	Color
Hex	B4CAF3
RGB	180, 202, 243
RGB Percent	71%, 79%, 95%
CMY	0.2941, 0.2078, 0.0471
CMYK	0.26, 0.17, 0.00, 0.05
HSL	219°, 72%, 83%
HSV	219°, 26%, 95%
XYZ	56.1206, 58.4154, 93.1115
YIQ	200.0960, -26.2730, 8.0870

Conversions

Conversions Part 2

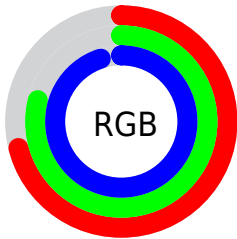
Format	Color
R_{YB}	180, 196, 243
Decimal	11848435
CIE _{Lab}	80.97, 1.50, -22.65
CIE _{LCh}	81, 22.697, 273.780
Yxy	58.4154, 0.2703, 0.2813
Android (android.graphics.Color)	4290038515 (0xFFB4CAF3)
YUV	200.0960, 21.1517, -17.6242
Hunter-Lab	76.4300, -2.6845, -18.7295

Details

The Hex color **B4CAF3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F3DDB4**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **EDFFFF**, and **7E94BB** is the 20% darker color. If you saturate the color by 10%, you get **9CBAF3**, and if you desaturate by 10%, it is **CCDAF3**.

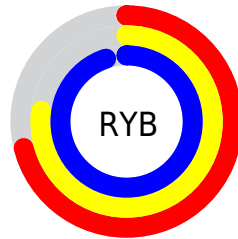
Distribution



Red (71%)

Green (79%)

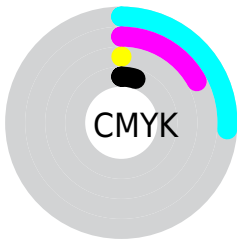
Blue (95%)



Red (71%)

Yellow (77%)

Blue (95%)

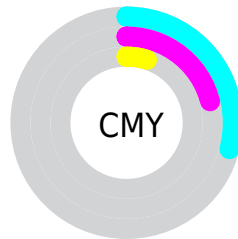


Cyan (26%)

Magenta (17%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (21%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4CAF3 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 B4CAF3 by changing the saturation by 10% instead.

 B4CAF3

 B4CAF3

FFFFFF

 99AFD7

 EDFFFF

 7E94BB

 647AA0

 4B6285

 324A6C

 183354

 001F3C

 000527

 000110

 B4CAF3

 B4CAF3

 9CBAF3

 CCDAF3

 83AAF3

 E5EAF3

 6B9BF3

 FDF9F3

 538BF3

 FFFFF3

 3B7BF3

 226BF3

 0A5BF3

 0055F3

Harmonies

Analogous

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



9BD0EE



B4CAF3



D0C3EC

Triad

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



B4CAF3



F4BCB2



A7D3B6

Complementary

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



B4CAF3



F3DDB4

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.



BFCFA5



B4CAF3



EAC1A4

Square

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



B4CAF3



F4BAC7



D7C89F



95D5CB

Rectangle

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



B4CAF3



E0BEE2



D7C89F



AFD2AF

Sweetspot

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



B4CAF3



EBF2FF



B4F3DD



737780



000000



808080

Same Dimension

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



B4CAF3



B0CCFF



BDB4F3



6E727A



0041BA



00143B

Inverse Universe

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



F3B4CA



FFB0CC



EAF3B4



7A6E72



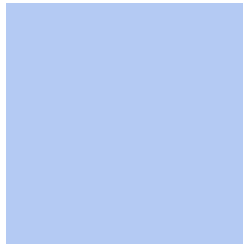
BA0041



3B0014

Previews

White Background



This preview shows how the Hex color B4CAF3 looks on a white background.

Color Contrast Check

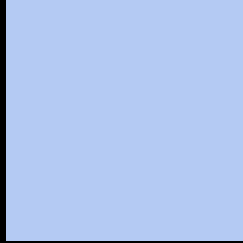
Large Text (above 18pt) WCAG AA × Fail

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 B4CAF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

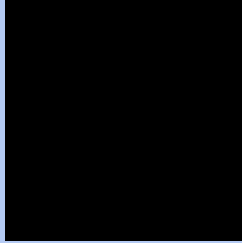
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

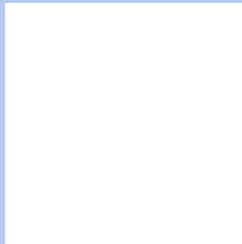
Any Text WCAG AAA ✓ Pass

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

Hex B4CAF3 Background



This preview shows how black text looks on a background with the Hex color B4CAF3.

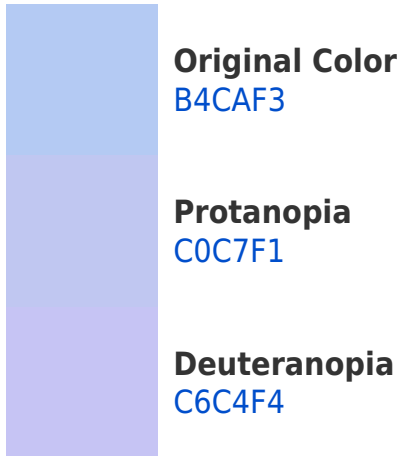


This preview shows how white text looks on a background with the Hex color B4CAF3.

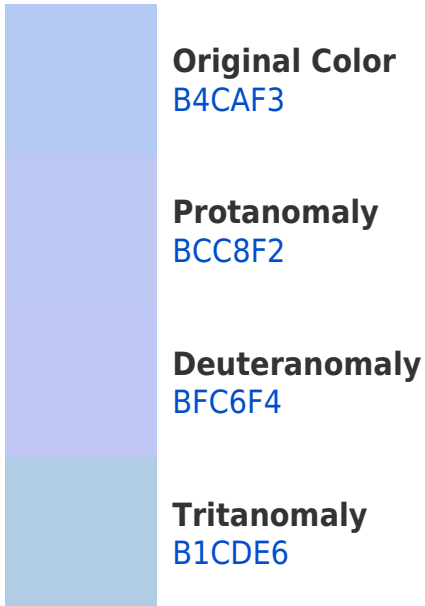
Color Blindness Simulation

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](#).

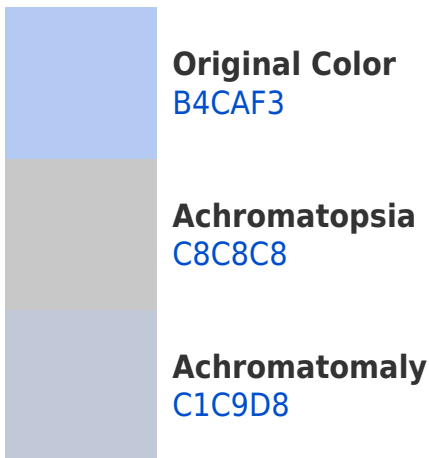
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4CAF3 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 #B4CAF3 looks like.

```
.text, #text, p{  
    color:#B4CAF3  
}
```

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 #B4CAF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4CAF3  
}
```

Border

The CSS property to change the border of an element to Hex B4CAF3 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  
#B4CAF3 }
```

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

```
.border{ border-color:#B4CAF3 }
```

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

Here you see how a box with a 4 pixel #B4CAF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4CAF3; -webkit-box-shadow:4px 4px  
4px 4px #B4CAF3; box-shadow:4px 4px 4px  
4px #B4CAF3 }
```

Background

The CSS property to change the background color of an element to Hex B4CAF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4CAF3 }
```

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

```
.background{ background-color:#B4CAF3 }
```

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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