

Converting Colors

Hex(B4CDF9)

Have a look what the booklet for
Hex(B4CDF9) contains.

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Color

Hex(B4CDF9)

Conversions

Conversions Part 1

Format	Color
Hex	B4CDF9
RGB	180, 205, 249
RGB Percent	71%, 80%, 98%
CMY	0.2941, 0.1961, 0.0235
CMYK	0.28, 0.18, 0.00, 0.02
HSL	218°, 85%, 84%
HSV	218°, 28%, 98%
XYZ	57.7526, 60.2055, 98.1995
YIQ	202.5410, -29.0240, 8.3840

Conversions

Conversions Part 2

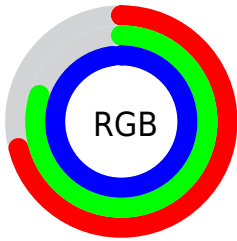
Format	Color
R _Y B	180, 198, 249
Decimal	11849209
CIE Lab	81.95, 1.30, -24.35
CIE LCh	82, 24.388, 273.049
Yxy	60.2055, 0.2672, 0.2785
Android (android.graphics.Color)	4290039289 (0xFFB4CDF9)
YUV	202.5410, 22.9043, -19.7685
Hunter-Lab	77.5922, -2.9271, -20.7220

Details

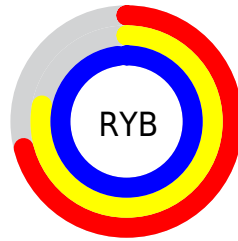
The Hex color **B4CDF9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9E0B4**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **EDFFFF**, and **7E97C0** is the 20% darker color. If you saturate the color by 10%, you get **9BBDF9**, and if you desaturate by 10%, it is **CDDDF9**.

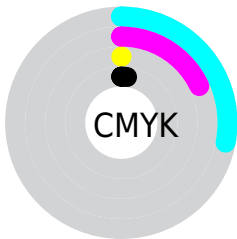
Distribution



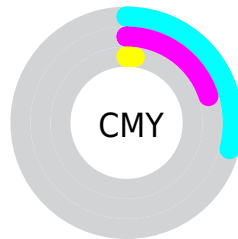
- Red (71%)
- Green (80%)
- Blue (98%)



- Red (71%)
- Yellow (78%)
- Blue (98%)



- Cyan (28%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (29%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4CDF9 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 B4CDF9 by changing the saturation by 10% instead.

 B4CDF9

 B4CDF9

FFFFFF

 99B2DC

 EDFFFF

 7E97C0

 637DA5

 4A648B

 304C71

 153659

 002141

 00092B

 000115

 B4CDF9

 B4CDF9

 9BBDF9

 CDDDF9

 82ADF9

 E6EDF9

 699DF9

 FFFDF9

 508DF9

 FFFFF9

 377EF9

 1F6EF9

 065EF9

 005AF9

Harmonies

Analogous

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



99D4F4



B4CDF9



D3C5F2

Triad

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



B4CDF9



FABDB4



A8D7B6

Complementary

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



B4CDF9



F9E0B4

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.



C2D2A5



B4CDF9



EFC3A4

Square

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



B4CDF9



F9BBCA



DBC9E



93D9CD

Rectangle

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



B4CDF9



E4C0E8



DBC9E



B0D5B0

Sweetspot

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



B4CDF9



EBF2FF



B4F9E0



737780



000000



808080

Same Dimension

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



B4CDF9



ABC9FF



BDB4F9



70757D



0044BD



00163D

Inverse Universe

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



F9B4CD



FFABC9



F0F9B4



7D7075



BD0044



3D0016

Previews

White Background



This preview shows how the Hex color B4CDF9 looks on a white background.

Color Contrast Check

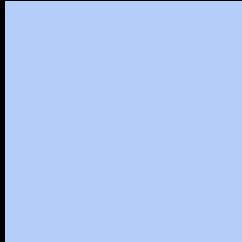
Large Text (above 18pt) WCAG AA × Fail

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 B4CDF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

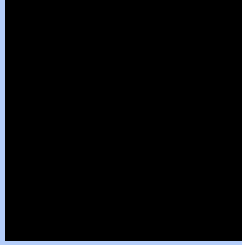
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

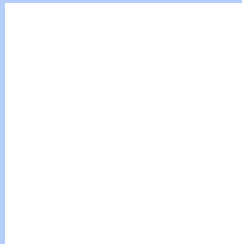
Any Text WCAG AAA ✓ Pass

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

Hex B4CDF9 Background



This preview shows how black text looks on a background with the Hex color B4CDF9.



This preview shows how white text looks on a background with the Hex color B4CDF9.

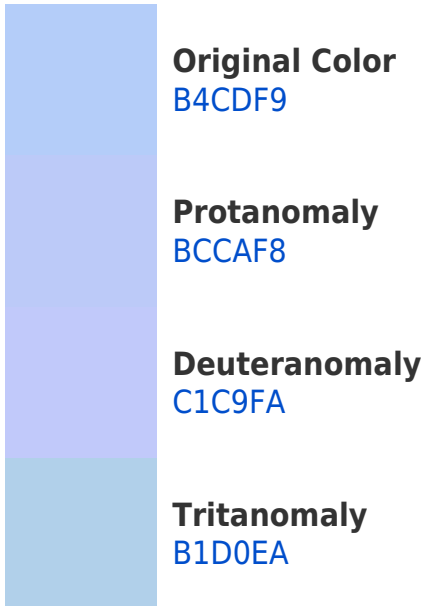
Color Blindness Simulation

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](#).

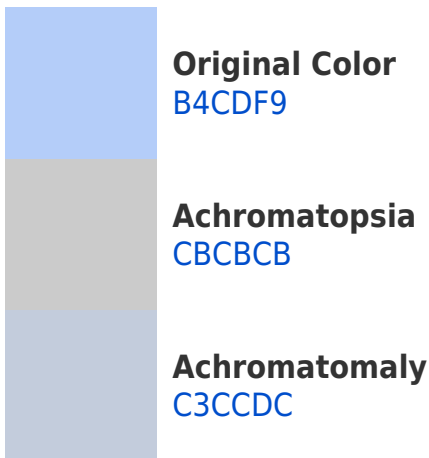
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4CDF9 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 #B4CDF9 looks like.

```
.text, #text, p{  
    color:#B4CDF9  
}
```

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 #B4CDF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4CDF9
}
```

Border

The CSS property to change the border of an element to Hex B4CDF9 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
#B4CDF9 }
```

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

```
.border{ border-color:#B4CDF9 }
```

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

Here you see how a box with a 4 pixel #B4CDF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4CDF9; -webkit-box-shadow:4px 4px  
4px 4px #B4CDF9; box-shadow:4px 4px 4px  
4px #B4CDF9 }
```

Background

The CSS property to change the background color of an element to Hex B4CDF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4CDF9 }
```

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

```
.background{ background-color:#B4CDF9 }
```

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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