

Converting Colors

Hex(B6BCEC)

Have a look what the booklet for
Hex(B6BCEC) contains.

Hex(B6BCEC)	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(B6BCEC)

Conversions

Conversions Part 1

Format	Color
Hex	B6BCEC
RGB	182, 188, 236
RGB Percent	71%, 74%, 93%
CMY	0.2863, 0.2627, 0.0745
CMYK	0.23, 0.20, 0.00, 0.07
HSL	233°, 59%, 82%
HSV	233°, 23%, 93%
XYZ	52.4149, 51.9677, 86.6251
YIQ	191.6780, -18.9840, 13.6560

Conversions

Conversions Part 2

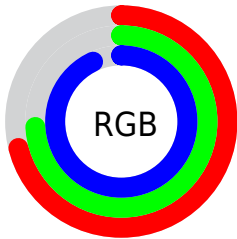
Format	Color
RYB	182, 187, 236
Decimal	11975916
CIELab	77.26, 8.03, -24.53
CIELCh	77, 25.808, 288.139
Yxy	51.9677, 0.2744, 0.2721
Android (android.graphics.Color)	4290165996 (0xFFB6BCEC)
YUV	191.6780, 21.8507, -8.4876
Hunter-Lab	72.0886, 3.6307, -20.7837

Details

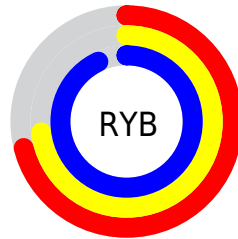
The Hex color **B6BCEC** is a light color, and the websafe version is hex **CCCCCCFF**. A complement of this color would be **ECE6B6**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **EFF4FF**, and **8087B4** is the 20% darker color. If you saturate the color by 10%, you get **9EA7EC**, and if you desaturate by 10%, it is **CED1EC**.

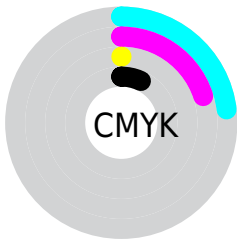
Distribution



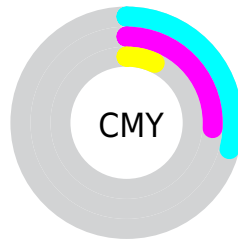
- Red (71%)
- Green (74%)
- Blue (93%)



- Red (71%)
- Yellow (73%)
- Blue (93%)



- Cyan (23%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)



- Cyan (29%)
- Magenta (26%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6BCEC 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 B6BCEC by changing the saturation by 10% instead.

 B6BCEC

 B6BCEC

FFFFFF

 9BA1D0

 EFF4FF

 8087B4

 666E99

 4D557F

 353E66

 1D294E

 021537

 000221

 000006

 B6BCEC

 B6BCEC

 9EA7EC

 CED1EC

 8792EC

 E5E6EC

 6F7DEC

 FDFBEC

 5868EC

 FFFFEC

 4053EC

 283EEC

 1129EC

 001AEC

Harmonies

Analogous

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



95C4ED



B6BCEC



D4B4DF

Triad

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



B6BCEC



EAB39C



8CCCB4

Complementary

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



B6BCEC



ECE6B6

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.



A6C89E



B6BCEC



D9BA90

Square

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



B6BCEC



F0AEB1



C1C291



7BCCCD

Rectangle

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



B6BCEC



E3B0D1



C1C291



94CBAC

Sweetspot

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



B6BCEC



EDEFFF



B6ECE6



757680



000000



808080

Same Dimension

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



B6BCEC



BAC2FF



CBB6EC



6A6B75



0014B5



000636

Inverse Universe

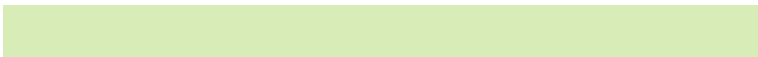
The Inverse Universe completely reimagines the original color for something new.



ECB6BC



FFBAC2



D7ECB6



756A6B



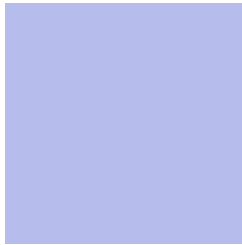
B50014



360006

Previews

White Background



This preview shows how the Hex color B6BCEC looks on a white background.

Color Contrast Check

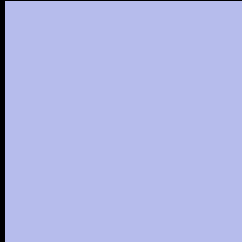
Large Text (above 18pt) WCAG AA × Fail

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 B6BCEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

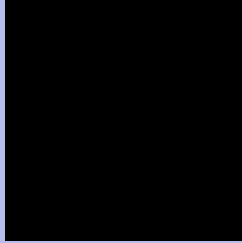
Any Text WCAG AA ✓ Pass

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 B6BCEC Background



This preview shows how black text looks on a background with the Hex color B6BCEC.



This preview shows how white text looks on a background with the Hex color B6BCEC.

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
B6BCEC

Protanopia
B3BDED

Deuteranopia
BABBECC



Tritanopia
B1C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6BCEC 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 #B6BCEC looks like.

```
.text, #text, p{  
    color:#B6BCEC  
}
```

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 #B6BCEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6BCEC
}
```

Border

The CSS property to change the border of an element to Hex B6BCEC 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
#B6BCEC }
```

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

```
.border{ border-color:#B6BCEC }
```

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

Here you see how a box with a 4 pixel #B6BCEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6BCEC; -webkit-box-shadow:4px 4px  
4px 4px #B6BCEC; box-shadow:4px 4px 4px  
4px #B6BCEC }
```

Background

The CSS property to change the background color of an element to Hex B6BCEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6BCEC }
```

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

```
.background{ background-color:#B6BCEC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor