

Converting Colors

Hex(B5BEF7)

Have a look what the booklet for
Hex(B5BEF7) contains.

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Color

Hex(B5BEF7)

Conversions

Conversions Part 1

Format	Color
Hex	B5BEF7
RGB	181, 190, 247
RGB Percent	71%, 75%, 97%
CMY	0.2902, 0.2549, 0.0314
CMYK	0.27, 0.23, 0.00, 0.03
HSL	232°, 80%, 84%
HSV	232°, 27%, 97%
XYZ	54.2580, 53.3661, 95.4367
YIQ	193.8070, -23.6610, 15.8190

Conversions

Conversions Part 2

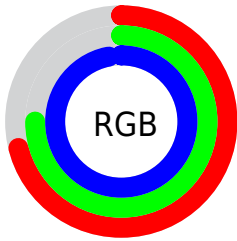
Format	Color
RYB	181, 189, 247
Decimal	11910903
CIELab	78.09, 9.21, -29.18
CIELCh	78, 30.597, 287.521
Yxy	53.3661, 0.2672, 0.2628
Android (android.graphics.Color)	4290100983 (0xFFB5BEF7)
YUV	193.8070, 26.2241, -11.2317
Hunter-Lab	73.0521, 4.7363, -26.3212

Details

The Hex color **B5BEF7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F7EEB5**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **EEF6FF**, and **7F89BE** is the 20% darker color. If you saturate the color by 10%, you get **9CA9F7**, and if you desaturate by 10%, it is **CED3F7**.

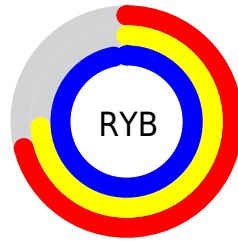
Distribution



Red (71%)

Green (75%)

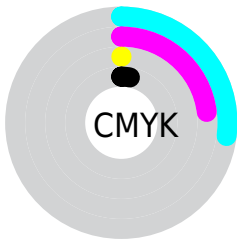
Blue (97%)



Red (71%)

Yellow (74%)

Blue (97%)

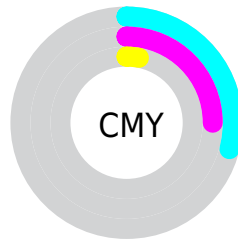


Cyan (27%)

Magenta (23%)

Yellow (0%)

Black (3%)



Cyan (29%)

Magenta (25%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5BEF7 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 B5BEF7 by changing the saturation by 10% instead.

 B5BEF7

 B5BEF7

FFFFFF

 9AA3DA

 EE66FF

 7F89BE

 656FA3

 4B5789

 32406F

 172A57

 00163F

 000229

 000113

 B5BEF7

 B5BEF7

 9CA9F7

 CED3F7

 8493F7

 E6E9F7

 6B7EF7

 FFFEF7

 5269F7

 FFFFF7

 3A53F7

 213EF7

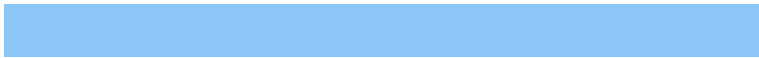
 0829F7

 0022F7

Harmonies

Analogous

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



8CC7F8



B5BEF7



DAB4E8

Triad

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



B5BEF7



F4B298



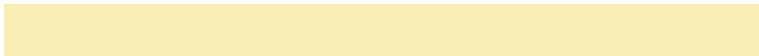
84D0B4

Complementary

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



B5BEF7



F7EEB5

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.



A4CC9A



B5BEF7



E0BB8A

Square

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



B5BEF7



FBADB1



C4C58B



6DD1D1

Rectangle

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



B5BEF7



EBAFD7



C4C58B



8ECFAA

Sweetspot

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



B5BEF7



EBEDFF



B5F7ED



737480



000000



808080

Same Dimension

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



B5BEF7



ADB9FF



CCB5F7



6E707A



0019BA



00083B

Inverse Universe

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



F7B5BE



FFADB9



E0F7B5



7A6E70



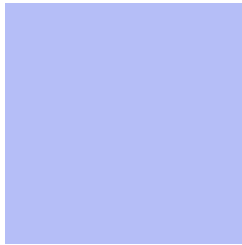
BA0019



3B0008

Previews

White Background



This preview shows how the Hex color B5BEF7 looks on a white background.

Color Contrast Check

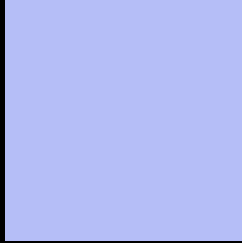
Large Text (above 18pt) WCAG AA × Fail

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 B5BEF7 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 B5BEF7 Background



This preview shows how black text looks on a background with the Hex color B5BEF7.



This preview shows how white text looks on a background with the Hex color B5BEF7.

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
B5BEF7

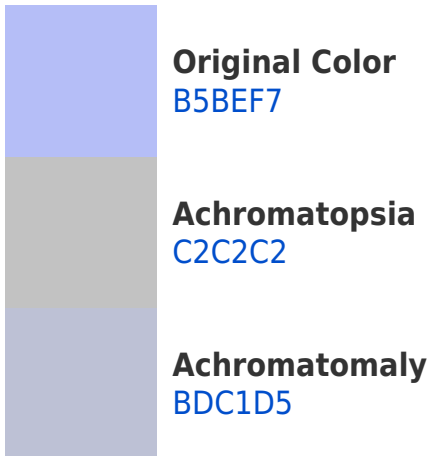
Protanopia
B2BFF8

Deuteranopia
B7BDF7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5BEF7 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 #B5BEF7 looks like.

```
.text, #text, p{  
    color:#B5BEF7  
}
```

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 #B5BEF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5BEF7
}
```

Border

The CSS property to change the border of an element to Hex B5BEF7 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
#B5BEF7 }
```

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

```
.border{ border-color:#B5BEF7 }
```

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

Here you see how a box with a 4 pixel #B5BEF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5BEF7; -webkit-box-shadow:4px 4px  
4px 4px #B5BEF7; box-shadow:4px 4px 4px  
4px #B5BEF7 }
```

Background

The CSS property to change the background color of an element to Hex B5BEF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5BEF7 }
```

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

```
.background{ background-color:#B5BEF7 }
```

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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