

# Converting Colors

Hex(B5BEFB)

Have a look what the booklet for  
Hex(B5BEFB) contains.

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# **Color**

**Hex(B5BEFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5BEFB
RGB	181, 190, 251
RGB Percent	71%, 75%, 98%
CMY	0.2902, 0.2549, 0.0157
CMYK	0.28, 0.24, 0.00, 0.02
HSL	232°, 90%, 85%
HSV	232°, 28%, 98%
XYZ	54.8821, 53.6157, 98.7231
YIQ	194.2630, -24.9450, 17.0630

# Conversions

## Conversions Part 2

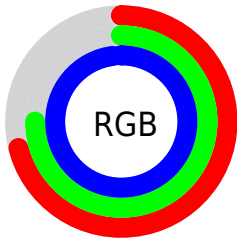
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">181, 189, 251</a>
Decimal	<a href="#">11910907</a>
CIELab	<a href="#">78.24, 10.16, -31.10</a>
CIELCh	<a href="#">78, 32.716, 288.100</a>
Yxy	<a href="#">53.6157, 0.2648, 0.2587</a>
Android (android.graphics.Color)	<a href="#">4290100987 (0xFFB5BEFB)</a>
YUV	<a href="#">194.2630, 27.9713, -11.6317</a>
Hunter-Lab	<a href="#">73.2227, 5.6500, -28.6822</a>

# Details

The Hex color **B5BEFB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FBF2B5**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **EEF6FF**, and **7F89C2** is the 20% darker color. If you saturate the color by 10%, you get **9CA8FB**, and if you desaturate by 10%, it is **CED4FB**.

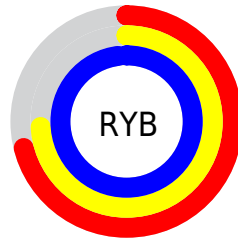
# Distribution



Red (71%)

Green (75%)

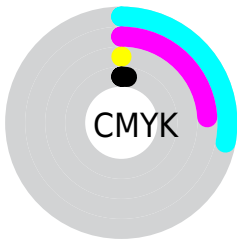
Blue (98%)



Red (71%)

Yellow (74%)

Blue (98%)

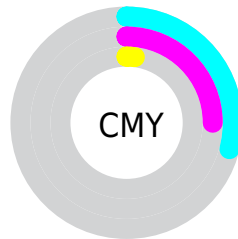


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (25%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5BEFB 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 B5BEFB by changing the saturation by 10% instead.



 B5BEFB

 B5BEFB

FFFFFF

 99A3DE


 EE66FF

 7F89C2

 646FA7

 4A578C

 314073

 152A5A

 001642

 00012C

 000116

 B5BEFB

 B5BEFB

 9CA8FB


 CED4FB

 8392FB

 E7EAFB

 6A7CFB

 FFFFFB

 5167FB

 3851FB

 1E3BFB

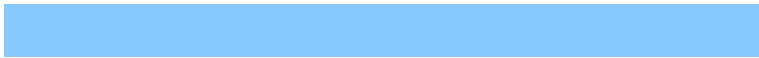
 0525FB

 0020FB

# Harmonies

## Analogous

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



88C8FC



B5BEFB



DCB3EA

# Triad

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



B5BEFB



F7B296



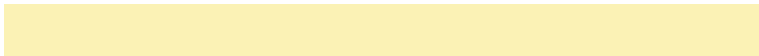
7FD2B4

# Complementary

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



B5BEFB



FBF2B5

# 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.



A2CD98



B5BEFB



E2BB86

# Square

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



B5BEFB



FFABB0



C4C587



64D2D3

# Rectangle

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



B5BEFB



EFAED9



C4C587



8AD0AA



# Sweetspot

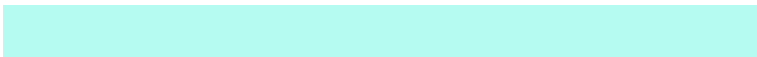
The Sweet Spot groups the original color and five complimentary colors.



B5BEFB



EBEDFF



B5FBF2



737480



000000



808080



# Same Dimension

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



B5BEFB



ABB6FF



CFB5FB



70727D



0018BD



00083D



# Inverse Universe

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



FBB5BE



FFABB6



E1FBB5



7D7072



BD0018

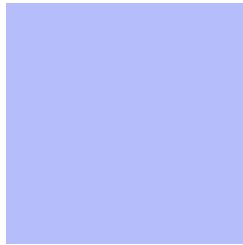


3D0008



# Previews

## White Background



This preview shows how the Hex color B5BEFB looks on a white background.

## Color Contrast Check

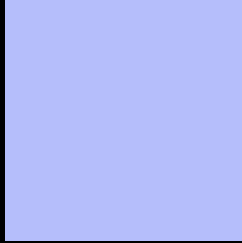
Large Text (above 18pt) WCAG AA × Fail

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 B5BEFB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

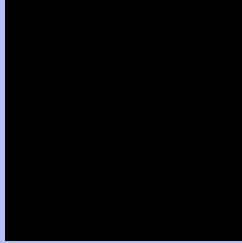
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5BEFB Background



This preview shows how black text looks on a background with the Hex color B5BEFB.



This preview shows how white text looks on a background with the Hex color B5BEFB.

# 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**  
B5BEFB

**Protanopia**  
B1BFFC

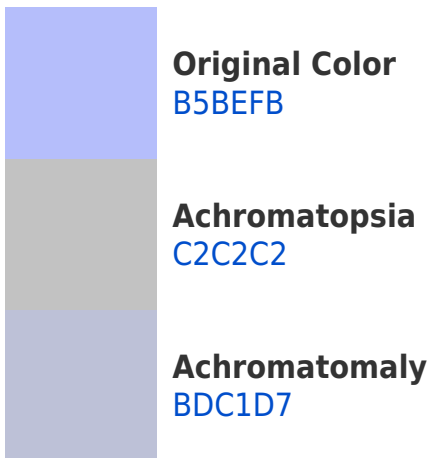
**Deuteranopia**  
B5BEFB



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5BEFB 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 #B5BEFB looks like.

```
.text, #text, p{  
    color:#B5BEFB  
}
```

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 #B5BEFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5BEFB
}
```

## Border

The CSS property to change the border of an element to Hex B5BEFB 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
#B5BEFB }
```

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

```
.border{ border-color:#B5BEFB }
```

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

Here you see how a box with a 4 pixel #B5BEFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5BEFB; -webkit-box-shadow:4px 4px  
4px 4px #B5BEFB; box-shadow:4px 4px 4px  
4px #B5BEFB }
```

# Background

The CSS property to change the background color of an element to Hex B5BEFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5BEFB }
```

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

```
.background{ background-color:#B5BEFB }
```

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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