

Converting Colors

Hex(B5B8F4)

Have a look what the booklet for
Hex(B5B8F4) contains.

Hex(B5B8F4)	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(B5B8F4)

Conversions

Conversions Part 1

Format	Color
Hex	B5B8F4
RGB	181, 184, 244
RGB Percent	71%, 72%, 96%
CMY	0.2902, 0.2784, 0.0431
CMYK	0.26, 0.25, 0.00, 0.04
HSL	237°, 74%, 83%
HSV	237°, 26%, 96%
XYZ	52.5257, 50.6364, 92.5933
YIQ	189.9430, -21.0480, 18.0240

Conversions

Conversions Part 2

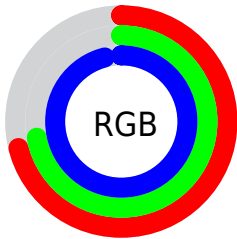
Format	Color
R_{YB}	181, 184, 244
Decimal	11909364
CIE _{Lab}	76.46, 11.79, -30.07
CIE _{LCh}	76, 32.299, 291.400
Yxy	50.6364, 0.2683, 0.2587
Android (android.graphics.Color)	4290099444 (0xFFB5B8F4)
YUV	189.9430, 26.6501, -7.8430
Hunter-Lab	71.1593, 7.2298, -27.3374

Details

The Hex color **B5B8F4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F4F1B5**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **EEF0FF**, and **7F83BC** is the 20% darker color. If you saturate the color by 10%, you get **9DA1F4**, and if you desaturate by 10%, it is **CDCFF4**.

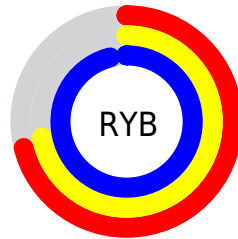
Distribution



Red (71%)

Green (72%)

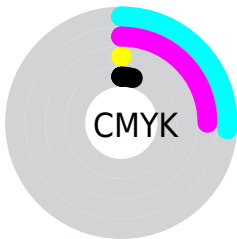
Blue (96%)



Red (71%)

Yellow (72%)

Blue (96%)

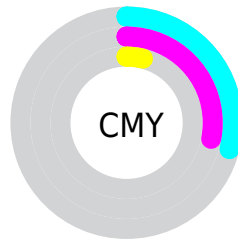


Cyan (26%)

Magenta (25%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (28%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5B8F4 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 B5B8F4 by changing the saturation by 10% instead.

 B5B8F4

 B5B8F4

FFFFFF

 9A9DD7

 EEFOFF

 7F83BC

 656AA0

 4B5286

 323B6D

 182654

 00113C

 000326

 00010F

 B5B8F4

 B5B8F4

 9DA1F4

 CDCFF4

 848AF4

 E6E6F4

 6C72F4

 FEFEF4

 535BF4

 FFFFF4

 3B44F4

 232DF4

 0A15F4

 000CF4

Harmonies

Analogous

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



89C2F7



B5B8F4



DAAEE2

Triad

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



B5B8F4



EFAE8F



77CDB3

Complementary

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



B5B8F4



F4F1B5

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.



99C997



B5B8F4



DAB882

Square

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



B5B8F4



F9A7A8



BCC184



5FCDD1

Rectangle

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



B5B8F4



ECA9D0



BCC184



82CCA9

Sweetspot

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



B5B8F4



EBECFF



B5F4F1



737380



000000



808080

Same Dimension

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



B5B8F4



B0B4FF



D1B5F4



6E6F7A



0009BA



00033B

Inverse Universe

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



F4B5B8



FFB0B4



D8F4B5



7A6E6F



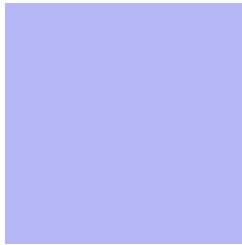
BA0009



3B0003

Previews

White Background



This preview shows how the Hex color B5B8F4 looks on a white background.

Color Contrast Check

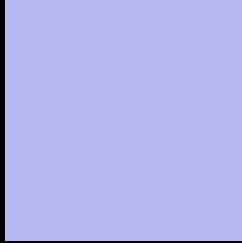
Large Text (above 18pt) WCAG AA × Fail

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 B5B8F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

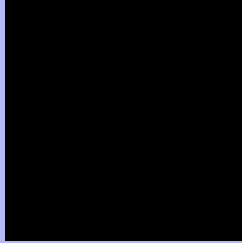
Any Text WCAG AA ✓ Pass

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 B5B8F4 Background



This preview shows how black text looks on a background with the Hex color B5B8F4.



This preview shows how white text looks on a background with the Hex color B5B8F4.

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
B5B8F4

Protanopia
ADBAF6

Deuteranopia
B1B9F4

Trichromacy



Original Color
B5B8F4

Protanomaly
B0B9F5

Deuteranomaly
B2B9F4

Tritanomaly
B1BCDC

Monochromacy



Original Color
B5B8F4

Achromatopsia
BEBEBE

Achromatomaly
BBBCD2

CSS Examples

Text

The CSS property to change the color of the text to Hex B5B8F4 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 #B5B8F4 looks like.

```
.text, #text, p{  
    color:#B5B8F4  
}
```

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 #B5B8F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B8F4
}
```

Border

The CSS property to change the border of an element to Hex B5B8F4 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
#B5B8F4 }
```

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

```
.border{ border-color:#B5B8F4 }
```

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

Here you see how a box with a 4 pixel #B5B8F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B8F4; -webkit-box-shadow:4px 4px  
4px 4px #B5B8F4; box-shadow:4px 4px 4px  
4px #B5B8F4 }
```

Background

The CSS property to change the background color of an element to Hex B5B8F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B8F4 }
```

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

```
.background{ background-color:#B5B8F4 }
```

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