

Converting Colors

Hex(B5B8E2)

Have a look what the booklet for
Hex(B5B8E2) contains.

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Color

Hex(B5B8E2)

Conversions

Conversions Part 1

Format	Color
Hex	B5B8E2
RGB	181, 184, 226
RGB Percent	71%, 72%, 89%
CMY	0.2902, 0.2784, 0.1137
CMYK	0.20, 0.19, 0.00, 0.11
HSL	236°, 44%, 80%
HSV	236°, 20%, 89%
XYZ	49.9240, 49.5957, 78.8932
YIQ	187.8910, -15.2700, 12.4260

Conversions

Conversions Part 2

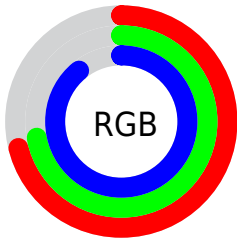
Format	Color
RYB	181, 184, 226
Decimal	11909346
CIELab	75.82, 7.64, -21.32
CIELCh	76, 22.652, 289.724
Yxy	49.5957, 0.2798, 0.2780
Android (android.graphics.Color)	4290099426 (0xFFB5B8E2)
YUV	187.8910, 18.7877, -6.0434
Hunter-Lab	70.4242, 3.2969, -17.1230

Details

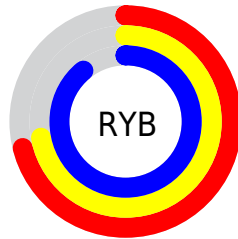
The Hex color **B5B8E2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E2DFB5**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **EDF0FF**, and **8083AB** is the 20% darker color. If you saturate the color by 10%, you get **9EA3E2**, and if you desaturate by 10%, it is **CCCDE2**.

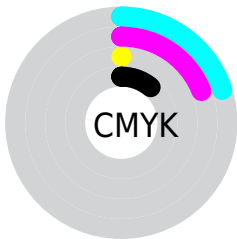
Distribution



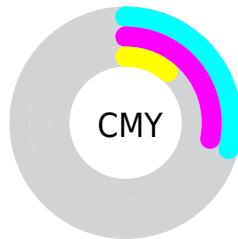
- Red (71%)
- Green (72%)
- Blue (89%)



- Red (71%)
- Yellow (72%)
- Blue (89%)



- Cyan (20%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5B8E2 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 B5B8E2 by changing the saturation by 10% instead.

 B5B8E2

 B5B8E2

FFFFFF

 9A9DC6

 EDF0FF

 8083AB

 666A90

 4D5276

 353B5D

 1E2546

 07112F

 00011A

 000000

 B5B8E2

 B5B8E2

 9EA3E2

 CCCDE2

 888EE2

 E2E2E2

 7179E2

 F9F7E2

 5B64E2

 FFFFE2

 444FE2

 2D39E2

 1724E2

 000FE2

Harmonies

Analogous

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



99BFE3



B5B8E2



CFB1D6

Triad

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



B5B8E2



E1B09C



8EC6B3

Complementary

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



B5B8E2



E2DFB5

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.



A4C39F



B5B8E2



D2B792

Square

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



B5B8E2



E6ACAE



BCBE93



81C7C8

Rectangle

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



B5B8E2



DCAECA



BCBE93



95C6AC

Sweetspot

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



B5B8E2



F0F1FF



B5E2DF



777780



000000



808080

Same Dimension

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



B5B8E2



C2C6FF



C9B5E2



656670



000CB0



000330

Inverse Universe

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



E2B5B8



FFC2C6



CFE2B5



706566



B0000C



300003

Previews

White Background



This preview shows how the Hex color B5B8E2 looks on a white background.

Color Contrast Check

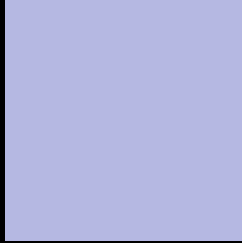
Large Text (above 18pt) WCAG AA × Fail

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 B5B8E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

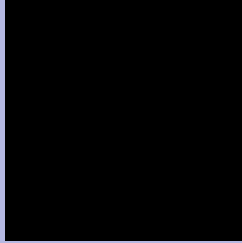
Any Text WCAG AA ✓ Pass

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 B5B8E2 Background



This preview shows how black text looks on a background with the Hex color B5B8E2.



This preview shows how white text looks on a background with the Hex color B5B8E2.

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
B5B8E2

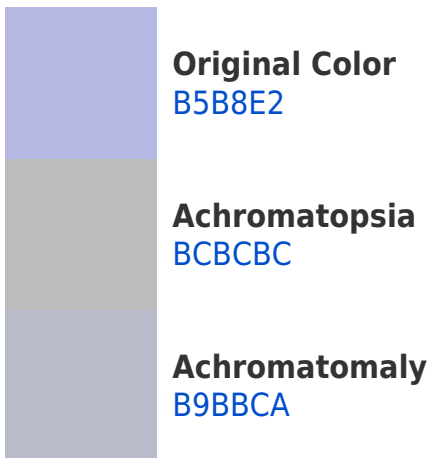
Protanopia
B1B9E3

Deuteranopia
B9B7E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5B8E2 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 #B5B8E2 looks like.

```
.text, #text, p{  
    color:#B5B8E2  
}
```

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 #B5B8E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B8E2
}
```

Border

The CSS property to change the border of an element to Hex B5B8E2 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
#B5B8E2 }
```

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

```
.border{ border-color:#B5B8E2 }
```

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

Here you see how a box with a 4 pixel #B5B8E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B8E2; -webkit-box-shadow:4px 4px  
4px 4px #B5B8E2; box-shadow:4px 4px 4px  
4px #B5B8E2 }
```

Background

The CSS property to change the background color of an element to Hex B5B8E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B8E2 }
```

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

```
.background{ background-color:#B5B8E2 }
```

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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