

Converting Colors

Hex(B5B8E3)

Have a look what the booklet for
Hex(B5B8E3) contains.

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Color

Hex(B5B8E3)

Conversions

Conversions Part 1

Format	Color
Hex	B5B8E3
RGB	181, 184, 227
RGB Percent	71%, 72%, 89%
CMY	0.2902, 0.2784, 0.1098
CMYK	0.20, 0.19, 0.00, 0.11
HSL	236°, 45%, 80%
HSV	236°, 20%, 89%
XYZ	50.0617, 49.6508, 79.6181
YIQ	188.0050, -15.5910, 12.7370

Conversions

Conversions Part 2

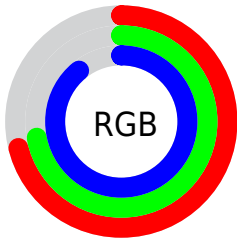
Format	Color
RYB	181, 184, 227
Decimal	11909347
CIELab	75.85, 7.87, -21.81
CIELCh	76, 23.189, 289.836
Yxy	49.6508, 0.2792, 0.2769
Android (android.graphics.Color)	4290099427 (0xFFB5B8E3)
YUV	188.0050, 19.2245, -6.1434
Hunter-Lab	70.4633, 3.5071, -17.6688

Details

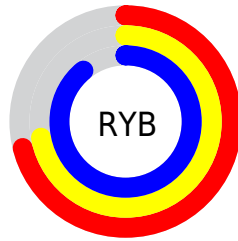
The Hex color **B5B8E3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E3E0B5**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **EDF0FF**, and **8083AC** is the 20% darker color. If you saturate the color by 10%, you get **9EA3E3**, and if you desaturate by 10%, it is **CCCDE3**.

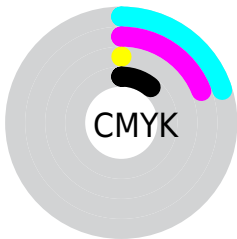
Distribution



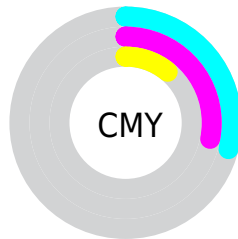
- Red (71%)
- Green (72%)
- Blue (89%)



- 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 B5B8E3 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 B5B8E3 by changing the saturation by 10% instead.

 B5B8E3

 B5B8E3

FFFFFF

 9A9DC7

 EDF0FF

 8083AC

 666A91

 4D5277

 353B5E

 1E2546

 061130

 00011B

 000000

 B5B8E3


 B5B8E3

 9EA3E3

 CCCDE3

 888EE3

 E2E2E3

 7178E3

 F9F8E3

 5A63E3

 FFFF E3

 444EE3

 2D39E3

 1623E3

 000FE3

Harmonies

Analogous

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



98BFE5



B5B8E3



D0B1D7

Triad

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



B5B8E3



E2B09B



8DC7B3

Complementary

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



B5B8E3



E3E0B5

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.



A4C49F



B5B8E3



D2B791

Square

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



B5B8E3



E7ACAD



BCBE93



80C7C9

Rectangle

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



B5B8E3



DDADCA



BCBE93



94C6AC

Sweetspot

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



B5B8E3



F0F1FF



B5E3E0



777780



000000



808080

Same Dimension

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



B5B8E3



C2C6FF



C9B5E3



676873



000CB3



000333

Inverse Universe

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



E3B5B8



FFC2C6



CFE3B5



736768



B3000C



330003

Previews

White Background



This preview shows how the Hex color B5B8E3 looks on a white background.

Color Contrast Check

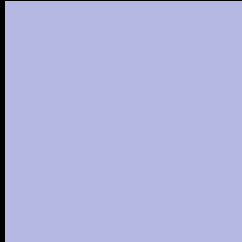
Large Text (above 18pt) WCAG AA × Fail

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 B5B8E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

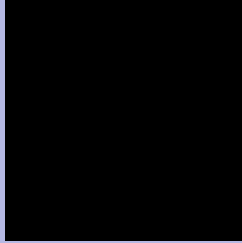
Any Text WCAG AA ✓ Pass

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 B5B8E3 Background



This preview shows how black text looks on a background with the Hex color B5B8E3.



This preview shows how white text looks on a background with the Hex color B5B8E3.

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
B5B8E3

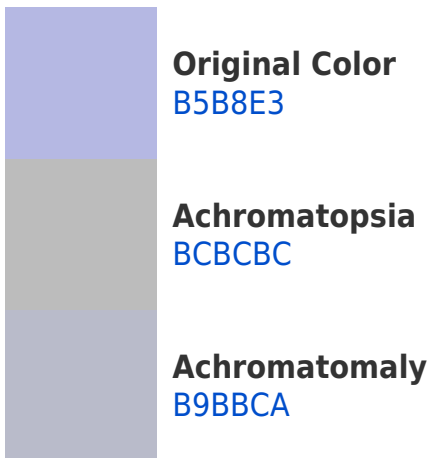
Protanopia
B1B9E4

Deuteranopia
B9B7E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5B8E3 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 #B5B8E3 looks like.

```
.text, #text, p{  
    color:#B5B8E3  
}
```

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 #B5B8E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B8E3
}
```

Border

The CSS property to change the border of an element to Hex B5B8E3 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
#B5B8E3 }
```

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

```
.border{ border-color:#B5B8E3 }
```

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

Here you see how a box with a 4 pixel #B5B8E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B8E3; -webkit-box-shadow:4px 4px  
4px 4px #B5B8E3; box-shadow:4px 4px 4px  
4px #B5B8E3 }
```

Background

The CSS property to change the background color of an element to Hex B5B8E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B8E3 }
```

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

```
.background{ background-color:#B5B8E3 }
```

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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