

Converting Colors

Hex(B5B5D8)

Have a look what the booklet for
Hex(B5B5D8) contains.

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Color

Hex(B5B5D8)

Conversions

Conversions Part 1

Format	Color
Hex	B5B5D8
RGB	181, 181, 216
RGB Percent	71%, 71%, 85%
CMY	0.2902, 0.2902, 0.1529
CMYK	0.16, 0.16, 0.00, 0.15
HSL	240°, 31%, 78%
HSV	240°, 16%, 85%
XYZ	47.9746, 47.8294, 71.6692
YIQ	184.9900, -11.2350, 10.8850

Conversions

Conversions Part 2

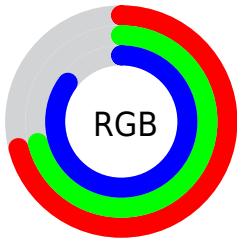
Format	Color
RYB	181, 181, 216
Decimal	11908568
CIELab	74.72, 7.08, -17.57
CIELCh	75, 18.939, 291.951
Yxy	47.8294, 0.2865, 0.2856
Android (android.graphics.Color)	4290098648 (0xFFB5B5D8)
YUV	184.9900, 15.2879, -3.4992
Hunter-Lab	69.1588, 2.7954, -13.0310

Details

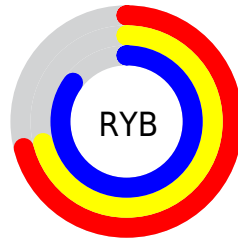
The Hex color **B5B5D8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D8D8B5**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **EDEDFF**, and **8080A1** is the 20% darker color. If you saturate the color by 10%, you get **9F9FD8**, and if you desaturate by 10%, it is **CBCBD8**.

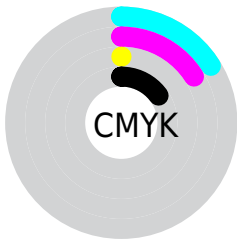
Distribution



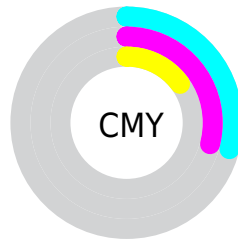
- Red (71%)
- Green (71%)
- Blue (85%)



- Red (71%)
- Yellow (71%)
- Blue (85%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (29%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5B5D8 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 B5B5D8 by changing the saturation by 10% instead.

 B5B5D8

 B5B5D8

FFFFFF

 9A9ABC

 EDEDFE

 8080A1

 666787

 4E4F6D

 373855

 20233E

 0B0D28

 000112

 000000

 B5B5D8

 B5B5D8

 9F9FD8

 CBCBD8

 8A8AD8

 E0E0D8

 7474D8

 F6F6D8

 5F5FD8

 FFFFD8

 4949D8

 3333D8

 1E1ED8

 0808D8

 0000D8

Harmonies

Analogous

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



9EBBDA



B5B5D8



CAAFCE

Triad

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



B5B5D8



D7B09D



92C2B2

Complementary

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



B5B5D8



D8D8B5

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.



A4BFA2



B5B5D8



CAB596

Square

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



B5B5D8



DDACAC



B8BB97



89C2C4

Rectangle

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



B5B5D8



D4ADC3



B8BB97



98C1AD

Sweetspot

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



B5B5D8



F2F2FF



B5D8D8



787880



000000



808080

Same Dimension

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



B5B5D8



CFCFFF



C7B5D8



60606B



0000AB



00002B

Inverse Universe

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



D8B5D8



FFCFFF



C7D8B5



6B606B



AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color B5B5D8 looks on a white background.

Color Contrast Check

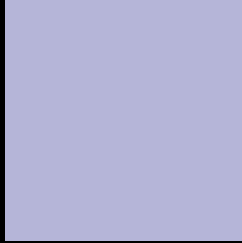
Large Text (above 18pt) WCAG AA × Fail

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 B5B5D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

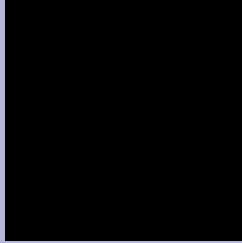
Any Text WCAG AA ✓ Pass

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 B5B5D8 Background



This preview shows how black text looks on a background with the Hex color B5B5D8.



This preview shows how white text looks on a background with the Hex color B5B5D8.

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
B5B5D8

Protanopia
B1B6D9

Deuteranopia
BAB3D8



Tritanopia
B2B8C7

Trichromacy



Original Color
B5B5D8

Protanomaly
B2B6D9

Deuteranomaly
B8B4D8

Tritanomaly
B3B7CD

Monochromacy



Original Color
B5B5D8

Achromatopsia
B9B9B9

Achromatomaly
B8B8C4

CSS Examples

Text

The CSS property to change the color of the text to Hex B5B5D8 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 #B5B5D8 looks like.

```
.text, #text, p{  
    color:#B5B5D8  
}
```

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 #B5B5D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B5D8  
}
```

Border

The CSS property to change the border of an element to Hex B5B5D8 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  
#B5B5D8 }
```

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

```
.border{ border-color:#B5B5D8 }
```

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

Here you see how a box with a 4 pixel #B5B5D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B5D8; -webkit-box-shadow:4px 4px  
4px 4px #B5B5D8; box-shadow:4px 4px 4px  
4px #B5B5D8 }
```

Background

The CSS property to change the background color of an element to Hex B5B5D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B5D8 }
```

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

```
.background{ background-color:#B5B5D8 }
```

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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