

Converting Colors

Hex(B4B7D8)

Have a look what the booklet for
Hex(B4B7D8) contains.

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Color

Hex(B4B7D8)

Conversions

Conversions Part 1

Format	Color
Hex	B4B7D8
RGB	180, 183, 216
RGB Percent	71%, 72%, 85%
CMY	0.2941, 0.2824, 0.1529
CMYK	0.17, 0.15, 0.00, 0.15
HSL	235°, 32%, 78%
HSV	235°, 17%, 85%
XYZ	48.1505, 48.5281, 71.7948
YIQ	185.8650, -12.3810, 9.6270

Conversions

Conversions Part 2

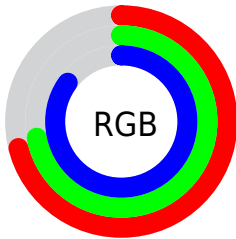
Format	Color
RYB	180, 183, 216
Decimal	11843544
CIELab	75.16, 5.67, -16.91
CIELCh	75, 17.835, 288.539
Yxy	48.5281, 0.2858, 0.2880
Android (android.graphics.Color)	4290033624 (0xFFB4B7D8)
YUV	185.8650, 14.8566, -5.1436
Hunter-Lab	69.6621, 1.4706, -12.3416

Details

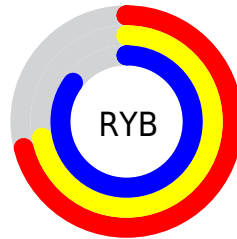
The Hex color **B4B7D8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D8D5B4**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **ECEFFF**, and **7F82A1** is the 20% darker color. If you saturate the color by 10%, you get **9EA3D8**, and if you desaturate by 10%, it is **CACBD8**.

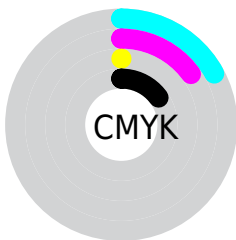
Distribution



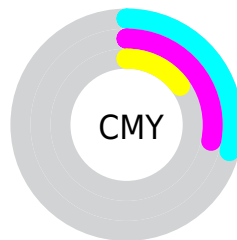
- Red (71%)
- Green (72%)
- Blue (85%)



- Red (71%)
- Yellow (72%)
- Blue (85%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (29%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4B7D8 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 B4B7D8 by changing the saturation by 10% instead.

 B4B7D8

 B4B7D8

FFFFFF

 999CBC

 ECEFFF

 7F82A1

 666987

 4D516E

 363A55

 1F253E

 0A0F28

 000113

 000000

 B4B7D8

 B4B7D8

 9EA3D8

 CACBD8

 898FD8

 DFD8D8

 737CD8

 F5F2D8

 5E68D8

 FFFF88

 4854D8

 3240D8

 1D2CD8

 0719D8

 0012D8

Harmonies

Analogous

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



9FBCD9



B4B7D8



C8B2CF

Triad

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



B4B7D8



D8B1A1



98C2B2

Complementary

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



B4B7D8



D8D5B4

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.



A8C0A3



B4B7D8



CCB699

Square

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



B4B7D8



DCAEAF



BBBB9A



8EC3C3

Rectangle

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



B4B7D8



D3AFC5



BBBB9A



9DC2AD

Sweetspot

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



B4B7D8



F2F3FF



B4D8D5



787880



000000



808080

Same Dimension

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



B4B7D8



CCD0FF



C3B4D8



60616B



000EAB



00042B

Inverse Universe

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



D8B4B7



FFCCD0



C9D8B4



6B6061



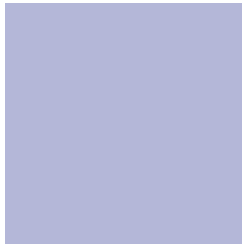
AB000E



2B0004

Previews

White Background



This preview shows how the Hex color B4B7D8 looks on a white background.

Color Contrast Check

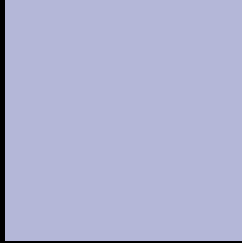
Large Text (above 18pt) WCAG AA × Fail

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 B4B7D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

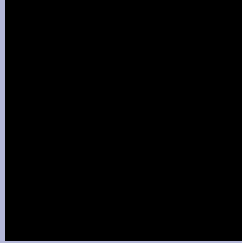
Any Text WCAG AA ✓ Pass

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 B4B7D8 Background



This preview shows how black text looks on a background with the Hex color B4B7D8.



This preview shows how white text looks on a background with the Hex color B4B7D8.

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
B4B7D8

Protanopia
B3B7D8

Deuteranopia
BCB5D9

Trichromacy



Original Color
B4B7D8

Protanomaly
B3B7D8

Deuteranomaly
B9B6D9

Tritanomaly
B2B9CE

Monochromacy



Original Color
B4B7D8

Achromatopsia
BABABA

Achromatomaly
B8B9C5

CSS Examples

Text

The CSS property to change the color of the text to Hex B4B7D8 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 #B4B7D8 looks like.

```
.text, #text, p{  
    color:#B4B7D8  
}
```

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 #B4B7D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4B7D8  
}
```

Border

The CSS property to change the border of an element to Hex B4B7D8 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  
#B4B7D8 }
```

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

```
.border{ border-color:#B4B7D8 }
```

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

Here you see how a box with a 4 pixel #B4B7D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4B7D8; -webkit-box-shadow:4px 4px  
4px 4px #B4B7D8; box-shadow:4px 4px 4px  
4px #B4B7D8 }
```

Background

The CSS property to change the background color of an element to Hex B4B7D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4B7D8 }
```

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

```
.background{ background-color:#B4B7D8 }
```

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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