

Converting Colors

Hex(B5B9D6)

Have a look what the booklet for
Hex(B5B9D6) contains.

Hex(B5B9D6)	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(B5B9D6)

Conversions

Conversions Part 1

Format	Color
Hex	B5B9D6
RGB	181, 185, 214
RGB Percent	71%, 73%, 84%
CMY	0.2902, 0.2745, 0.1608
CMYK	0.15, 0.14, 0.00, 0.16
HSL	233°, 29%, 77%
HSV	233°, 15%, 84%
XYZ	48.5426, 49.3767, 70.5905
YIQ	187.1100, -11.6930, 8.1710

Conversions

Conversions Part 2

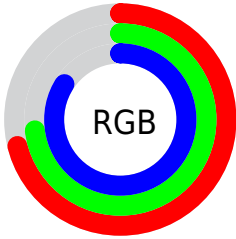
Format	Color
R _Y B	181, 185, 214
Decimal	11909590
CIE Lab	75.69, 4.47, -15.02
CIE LCh	76, 15.672, 286.582
Yxy	49.3767, 0.2881, 0.2930
Android (android.graphics.Color)	4290099670 (0xFFB5B9D6)
YUV	187.1100, 13.2568, -5.3585
Hunter-Lab	70.2686, 0.3406, -10.3736

Details

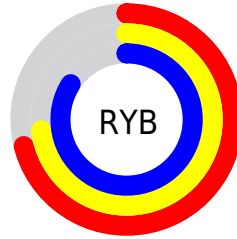
The Hex color **B5B9D6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D6D2B5**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **EDF1FF**, and **80849F** is the 20% darker color. If you saturate the color by 10%, you get **A0A6D6**, and if you desaturate by 10%, it is **CACCD6**.

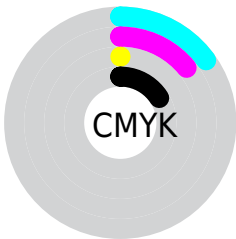
Distribution



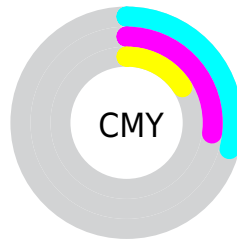
- Red (71%)
- Green (73%)
- Blue (84%)



- Red (71%)
- Yellow (73%)
- Blue (84%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5B9D6 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 B5B9D6 by changing the saturation by 10% instead.

 B5B9D6

 B5B9D6

FFFFFF

 9A9EBA

 EDF1FF

 80849F

 676B85

 4E536C

 373C53

 21263C

 0B1126

 000111

 000000

 B5B9D6

 B5B9D6

 A0A6D6

 CACCD6

 8A93D6

 E0DFD6

 7581D6

 F5F1D6

 5F6ED6

 FFFFD6

 4A5BD6

 3548D6

 1F35D6

 0A23D6

 001AD6

Harmonies

Analogous

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



A3BED6



B5B9D6



C7B4CE

Triad

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



B5B9D6



D6B3A6



9EC3B3

Complementary

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



B5B9D6



D6D2B5

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.



ADC0A6



B5B9D6



CCB79F

Square

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



B5B9D6



D9B1B3



BEBC9F



96C3C2

Rectangle

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



B5B9D6



D0B2C6



BEBC9F



A3C2AF

Sweetspot

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



B5B9D6



F2F4FF



B5D6D2



787980



000000



808080

Same Dimension

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



B5B9D6



CFD4FF



C1B5D6



60626B



0015AB



00052B

Inverse Universe

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



D6B5B9



FFCFD4



CAD6B5



6B6062



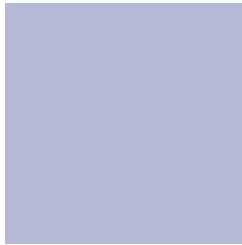
AB0015



2B0005

Previews

White Background



This preview shows how the Hex color B5B9D6 looks on a white background.

Color Contrast Check

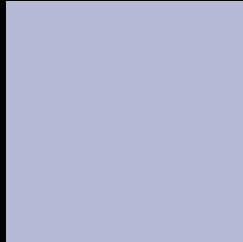
Large Text (above 18pt) WCAG AA × Fail

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 B5B9D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

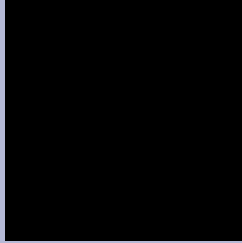
Any Text WCAG AA ✓ Pass

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 B5B9D6 Background



This preview shows how black text looks on a background with the Hex color B5B9D6.



This preview shows how white text looks on a background with the Hex color B5B9D6.

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
B5B9D6

Protanopia
B5B9D6

Deuteranopia
BFB6D7

Trichromacy



Original Color
B5B9D6

Protanomaly
B5B9D6

Deuteranomaly
BBB7D7

Tritanomaly
B4BACE

Monochromacy



Original Color
B5B9D6

Achromatopsia
BBBBBB

Achromatomaly
B9BAC5

CSS Examples

Text

The CSS property to change the color of the text to Hex B5B9D6 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 #B5B9D6 looks like.

```
.text, #text, p{  
    color:#B5B9D6  
}
```

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 #B5B9D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B9D6  
}
```

Border

The CSS property to change the border of an element to Hex B5B9D6 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  
#B5B9D6 }
```

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

```
.border{ border-color:#B5B9D6 }
```

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

Here you see how a box with a 4 pixel #B5B9D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B9D6; -webkit-box-shadow:4px 4px  
4px 4px #B5B9D6; box-shadow:4px 4px 4px  
4px #B5B9D6 }
```

Background

The CSS property to change the background color of an element to Hex B5B9D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B9D6 }
```

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

```
.background{ background-color:#B5B9D6 }
```

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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