

Converting Colors

Hex(B0B5D7)

Have a look what the booklet for
Hex(B0B5D7) contains.

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Color

Hex(B0B5D7)

Conversions

Conversions Part 1	
Format	Color
Hex	B0B5D7
RGB	176, 181, 215
RGB Percent	69%, 71%, 84%
CMY	0.3098, 0.2902, 0.1569
CMYK	0.18, 0.16, 0.00, 0.16
HSL	232°, 33%, 77%
HSV	232°, 18%, 84%
XYZ	46.6941, 47.1841, 70.9364
YIQ	183.3810, -13.8940, 9.5140

Conversions

Conversions Part 2

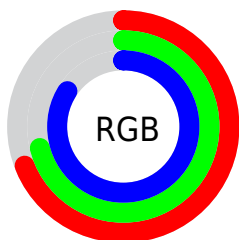
Format	Color
RYB	176, 180, 215
Decimal	11580887
CIELab	74.31, 5.27, -17.68
CIELCh	74, 18.447, 286.606
Yxy	47.1841, 0.2833, 0.2863
Android (android.graphics.Color)	4289770967 (0xFFB0B5D7)
YUV	183.3810, 15.5882, -6.4731
Hunter-Lab	68.6907, 1.1308, -13.1448

Details

The Hex color **B0B5D7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D7D2B0**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **E8EDFF**, and **7B80A0** is the 20% darker color. If you saturate the color by 10%, you get **9BA2D7**, and if you desaturate by 10%, it is **C6C8D7**.

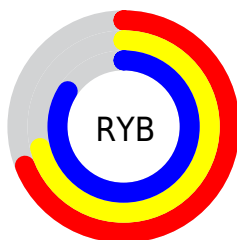
Distribution



Red (69%)

Green (71%)

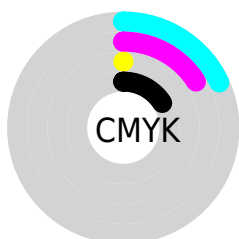
Blue (84%)



Red (69%)

Yellow (71%)

Blue (84%)

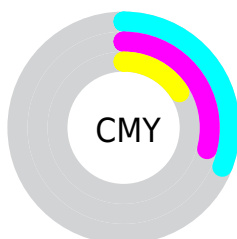


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (16%)



Cyan (31%)

Magenta (29%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B5D7 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 B0B5D7 by changing the saturation by 10% instead.

 B0B5D7

FFFFFF

 E8EDFF

 B0B5D7

 959ABB

 7B80A0

 626786

 494F6D

 323854

 1B233D

 050D27

 000111

 000000

 B0B5D7

 B0B5D7

 9BA2D7

 C6C8D7

 8590D7

 DBDAD7

 707DD7

 F1EDD7

 5A6AD7

 FFFFD7

 4557D7

 2F45D7

 1A32D7

 041FD7

 001CD7

Harmonies

Analogous

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



9ABBD7



B0B5D7



C5AFCE

Triad

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



B0B5D7



D7AE9F



95C0AE

Complementary

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



B0B5D7



D7D2B0

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.



A7BD9F



B0B5D7



CBB396

Square

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



B0B5D7



DAABAE



BAB996



8AC1C0

Rectangle

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



B0B5D7



D0ADC5



BAB996



9ABFA9

Sweetspot

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



B0B5D7



F2F4FF



B0D7D2



787980



000000



808080

Same Dimension

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



B0B5D7



C7CEFF



BEB0D7



60626B



0016AB



00062B

Inverse Universe

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



D7B0B5



FFC7CE



C9D7B0



6B6062



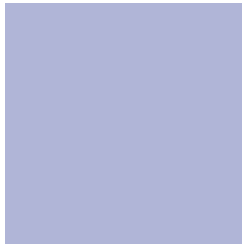
AB0016



2B0006

Previews

White Background



This preview shows how the Hex color B0B5D7 looks on a white background.

Color Contrast Check

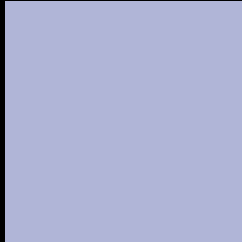
Large Text (above 18pt) WCAG AA × Fail

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 B0B5D7 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

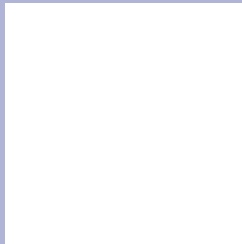
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B0B5D7 Background



This preview shows how black text looks on a background with the Hex color B0B5D7.



This preview shows how white text looks on a background with the Hex color B0B5D7.

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
B0B5D7

Protanopia
B0B5D7

Deuteranopia
B8B2D8

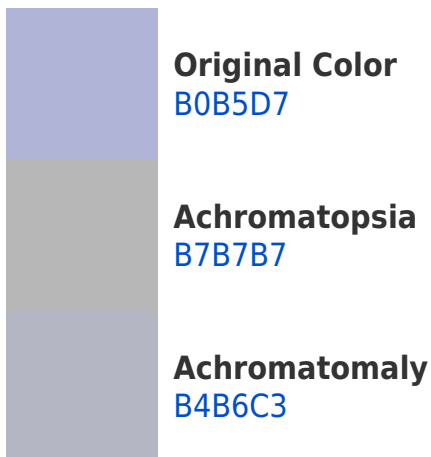


Tritanopia
ADB8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0B5D7 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 #B0B5D7 looks like.

```
.text, #text, p{  
    color:#B0B5D7  
}
```

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 #B0B5D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B5D7
}
```

Border

The CSS property to change the border of an element to Hex B0B5D7 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
#B0B5D7 }
```

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

```
.border{ border-color:#B0B5D7 }
```

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

Here you see how a box with a 4 pixel #B0B5D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B5D7; -webkit-box-shadow:4px 4px  
4px 4px #B0B5D7; box-shadow:4px 4px 4px  
4px #B0B5D7 }
```

Background

The CSS property to change the background color of an element to Hex B0B5D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B5D7 }
```

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

```
.background{ background-color:#B0B5D7 }
```

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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