

# Converting Colors

Hex(B1BBD8)

Have a look what the booklet for  
Hex(B1BBD8) contains.

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# **Color**

**Hex(B1BBD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1BBD8
RGB	177, 187, 216
RGB Percent	69%, 73%, 85%
CMY	0.3059, 0.2667, 0.1529
CMYK	0.18, 0.13, 0.00, 0.15
HSL	225°, 33%, 77%
HSV	225°, 18%, 85%
XYZ	48.2965, 49.8456, 72.0414
YIQ	187.3160, -15.2690, 6.8990

# Conversions

## Conversions Part 2

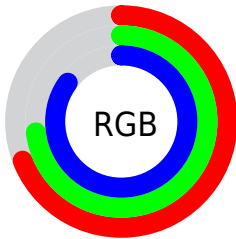
Format	Color
<a href="#">RYB</a>	<a href="#">177, 185, 216</a>
Decimal	<a href="#">11647960</a>
CIELab	<a href="#">75.97, 2.55, -15.70</a>
CIElCh	<a href="#">76, 15.905, 279.222</a>
Yxy	<a href="#">49.8456, 0.2838, 0.2929</a>
Android (android.graphics.Color)	<a href="#">4289838040 (0xFFB1BBD8)</a>
YUV	<a href="#">187.3160, 14.1412, -9.0471</a>
Hunter-Lab	<a href="#">70.6014, -1.4457, -11.0783</a>

# Details

The Hex color **B1BBD8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D8CEB1**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **E9F3FF**, and **7C86A1** is the 20% darker color. If you saturate the color by 10%, you get **9BABD8**, and if you desaturate by 10%, it is **C7CBD8**.

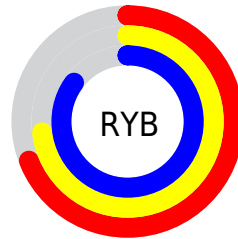
# Distribution



Red (69%)

Green (73%)

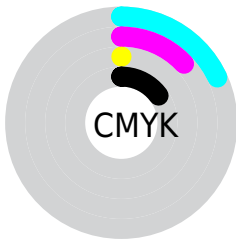
Blue (85%)



Red (69%)

Yellow (73%)

Blue (85%)

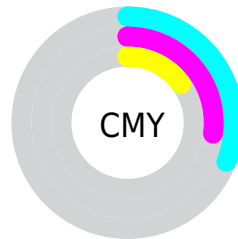


Cyan (18%)

Magenta (13%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (27%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1BBD8 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 B1BBD8 by changing the saturation by 10% instead.



 B1BBD8

 B1BBD8

FFFFFF

 96A0BC

 E9F3FF

 7C86A1

 636D87

 4A546E

 333D55

 1C283E

 061328

 000113

 000000

 B1BBD8

 B1BBD8

 9BABD8

 C7CBD8

 869BD8

 DCDBD8

 708BD8

 F2EBD8

 5B7BD8

 FFFBD8

 456BD8

 FFFF8

 2F5BD8

 1A4BD8

 043BD8

 0037D8

# Harmonies

## Analogous

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



A0C0D6



B1BBD8



C4B6D2

# Triad

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



B1BBD8



D9B3A9



A2C3B0

# Complementary

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



B1BBD8



D8CEB1

# 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.



B2C0A4



B1BBD8



D0B7A0

# Square

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



B1BBD8



DAB1B7



C2BC9E



97C4BF

# Rectangle

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



B1BBD8



CEB3CB



C2BC9E



A7C2AC



# Sweetspot

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



B1BBD8



F2F6FF



B1D8CE



787A80



000000



808080



# Same Dimension

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



B1BBD8



C7D5FF



BAB1D8



60636B



002CAB



000B2B



# Inverse Universe

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



D8B1BB



FFC7D5



CFD8B1



6B6063



AB002C

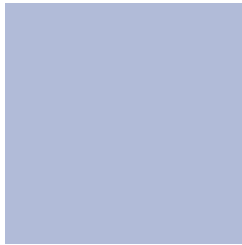


2B000B



# Previews

## White Background



This preview shows how the Hex color B1BBD8 looks on a white background.

## Color Contrast Check

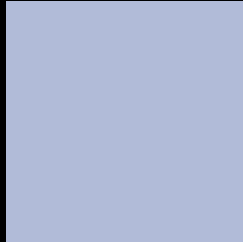
Large Text (above 18pt) WCAG AA × Fail

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 B1BBD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

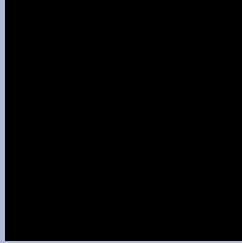
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1BBD8 Background



This preview shows how black text looks on a background with the Hex color B1BBD8.



This preview shows how white text looks on a background with the Hex color B1BBD8.

# 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**  
B1BBD8

**Protanopia**  
B6BAD7

**Deuteranopia**  
BFB7D9



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1BBD8 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 #B1BBD8 looks like.

```
.text, #text, p{  
    color:#B1BBD8  
}
```

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 #B1BBD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1BBD8  
}
```

## Border

The CSS property to change the border of an element to Hex B1BBD8 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  
#B1BBD8 }
```

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

```
.border{ border-color:#B1BBD8 }
```

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

Here you see how a box with a 4 pixel #B1BBD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1BBD8; -webkit-box-shadow:4px 4px  
4px 4px #B1BBD8; box-shadow:4px 4px 4px  
4px #B1BBD8 }
```

# Background

The CSS property to change the background color of an element to Hex B1BBD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1BBD8 }
```

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

```
.background{ background-color:#B1BBD8 }
```

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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