

Converting Colors

Hex(B9B9E1)

Have a look what the booklet for
Hex(B9B9E1) contains.

Hex(B9B9E1)	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(B9B9E1)

Conversions

Conversions Part 1

Format	Color
Hex	B9B9E1
RGB	185, 185, 225
RGB Percent	73%, 73%, 88%
CMY	0.2745, 0.2745, 0.1176
CMYK	0.18, 0.18, 0.00, 0.12
HSL	240°, 40%, 80%
HSV	240°, 18%, 88%
XYZ	50.9472, 50.4485, 78.2865
YIQ	189.5600, -12.8400, 12.4400

Conversions

Conversions Part 2

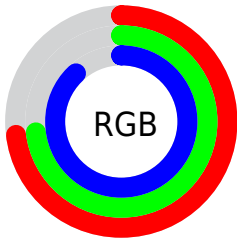
Format	Color
RYB	185, 185, 225
Decimal	12171745
CIELab	76.34, 8.13, -19.96
CIELCh	76, 21.551, 292.154
Yxy	50.4485, 0.2835, 0.2808
Android (android.graphics.Color)	4290361825 (0xFFB9B9E1)
YUV	189.5600, 17.4719, -3.9991
Hunter-Lab	71.0271, 3.7392, -15.6309

Details

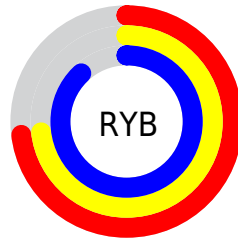
The Hex color **B9B9E1** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E1E1B9**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **F1F1FF**, and **8384AA** is the 20% darker color. If you saturate the color by 10%, you get **A3A3E1**, and if you desaturate by 10%, it is **D0D0E1**.

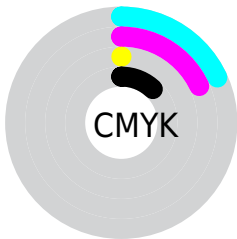
Distribution



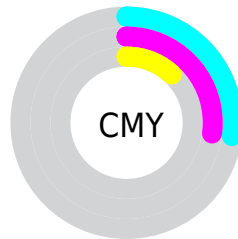
- Red (73%)
- Green (73%)
- Blue (88%)



- Red (73%)
- Yellow (73%)
- Blue (88%)



- Cyan (18%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (27%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9B9E1 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 B9B9E1 by changing the saturation by 10% instead.

 B9B9E1

 B9B9E1


FFFFFF

 9E9EC5

 F1F1FF

 8384AA

 6A6B8F

 515375

 393C5D

 222645

 0C122E

 00011A

 000000

 B9B9E1

 B9B9E1

 A3A3E1

 D0D0E1

 8C8CE1

 E6E6E1

 7575E1

 FDFDE1

 5F5FE1

 FFFFE1

 4949E1

 3232E1

 1C1CE1

 0505E1

 0000E1

Harmonies

Analogous

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



9FC0E3



B9B9E1



D1B3D5

Triad

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



B9B9E1



E0B39E



91C7B6

Complementary

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



B9B9E1



E1E1B9

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.



A5C5A3



B9B9E1



D1B995

Square

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



B9B9E1



E6AFAE



BCC097



86C8CB

Rectangle

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



B9B9E1



DDB0C9



BCC097



97C7AF

Sweetspot

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



B9B9E1



F2F2FF



B9E1E1



787880



000000



808080

Same Dimension

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



B9B9E1



C9C9FF



CDB9E1



656570



0000B0



000030

Inverse Universe

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



E1B9E1



FFC9FF



CDE1B9



706570



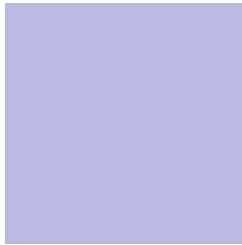
B000B0



300030

Previews

White Background



This preview shows how the Hex color B9B9E1 looks on a white background.

Color Contrast Check

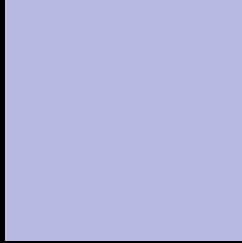
Large Text (above 18pt) WCAG AA × Fail

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 B9B9E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

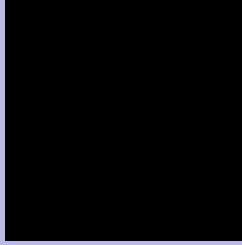
Any Text WCAG AA ✓ Pass

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 B9B9E1 Background



This preview shows how black text looks on a background with the Hex color B9B9E1.



This preview shows how white text looks on a background with the Hex color B9B9E1.

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
B9B9E1

Protanopia
B4BAE2

Deuteranopia
BCB8E1

Trichromacy



Original Color
B9B9E1

Protanomaly
B6BAE2

Deuteranomaly
BBB8E1

Tritanomaly
B6BCD4

Monochromacy



Original Color
B9B9E1

Achromatopsia
BEBEBE

Achromatomaly
BCBCCB

CSS Examples

Text

The CSS property to change the color of the text to Hex B9B9E1 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 #B9B9E1 looks like.

```
.text, #text, p{  
    color:#B9B9E1  
}
```

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 #B9B9E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9B9E1
}
```

Border

The CSS property to change the border of an element to Hex B9B9E1 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
#B9B9E1 }
```

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

```
.border{ border-color:#B9B9E1 }
```

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

Here you see how a box with a 4 pixel #B9B9E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9B9E1; -webkit-box-shadow:4px 4px  
4px 4px #B9B9E1; box-shadow:4px 4px 4px  
4px #B9B9E1 }
```

Background

The CSS property to change the background color of an element to Hex B9B9E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9B9E1 }
```

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

```
.background{ background-color:#B9B9E1 }
```

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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