

# Converting Colors

Hex(B9C6E0)

Have a look what the booklet for  
Hex(B9C6E0) contains.

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# Color

Hex(B9C6E0)

# Conversions

## Conversions Part 1

Format	Color
Hex	B9C6E0
RGB	185, 198, 224
RGB Percent	73%, 78%, 88%
CMY	0.2745, 0.2235, 0.1216
CMYK	0.17, 0.12, 0.00, 0.12
HSL	220°, 39%, 80%
HSV	220°, 17%, 88%
XYZ	53.6562, 56.0843, 78.5184
YIQ	197.0770, -16.0940, 5.3300

# Conversions

## Conversions Part 2

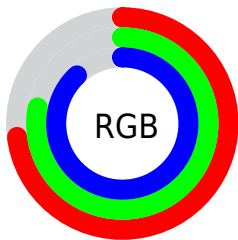
Format	Color
R <sub>Y</sub> B	185, 195, 224
Decimal	12175072
CIE Lab	79.66, 0.90, -14.42
CIE LCh	80, 14.444, 273.572
Yxy	56.0843, 0.2850, 0.2979
Android (android.graphics.Color)	4290365152 (0xFFB9C6E0)
YUV	197.0770, 13.2730, -10.5915
Hunter-Lab	74.8894, -3.1662, -9.7404

# Details

The Hex color **B9C6E0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E0D3B9**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **F1FFFF**, and **8490A9** is the 20% darker color. If you saturate the color by 10%, you get **A3B7E0**, and if you desaturate by 10%, it is **CFD5E0**.

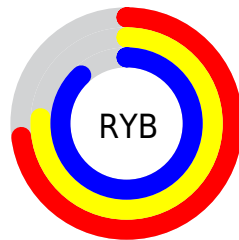
# Distribution



Red (73%)

Green (78%)

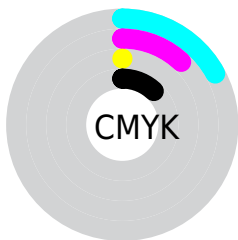
Blue (88%)



Red (73%)

Yellow (76%)

Blue (88%)

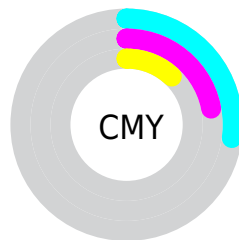


Cyan (17%)

Magenta (12%)

Yellow (0%)

Black (12%)



Cyan (27%)

Magenta (22%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9C6E0 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 B9C6E0 by changing the saturation by 10% instead.



 B9C6E0

 B9C6E0

FFFFFF

 9EABC4

 F1FFFF

 8490A9

 6A778E

 515E75

 3A465C

 233044

 0C1B2E

 00011A

 000000

 B9C6E0

 B9C6E0

 A3B7E0

 CFD5E0

 8CA8E0

 E6E4E0

 7699E0

 FCF3E0

 5F8AE0

 FFFFEO

 497BE0

 336CE0

 1C5DE0

 064FE0

 004BE0

# Harmonies

## Analogous

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



AACADD



B9C6E0



CAC1DC

# Triad

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



B9C6E0



E2BDB7



B1CCB9

# Complementary

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



B9C6E0



E0D3B9

# 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.



C0C9AF



B9C6E0



DBC1AE

# Square

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



B9C6E0



E1BCC4



CFC5AB



A6CDC7

# Rectangle

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



B9C6E0



D4BFD6



CFC5AB



B5CBB5



# Sweetspot

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



B9C6E0



F2F7FF



B9E0D3



787A80



000000



808080



# Same Dimension

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



B9C6E0



C9DBFF



BFB9E0



656970



003BB0



001030



# Inverse Universe

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



E0B9C6



FFC9DB



DAE0B9



706569



B0003B

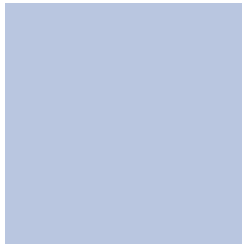


300010



# Previews

## White Background



This preview shows how the Hex color B9C6E0 looks on a white background.

## Color Contrast Check

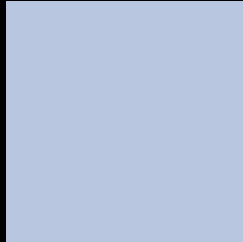
Large Text (above 18pt) WCAG AA × Fail

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 B9C6E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

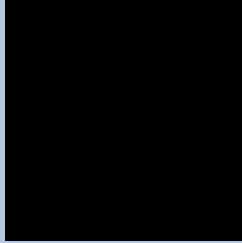
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9C6E0 Background



This preview shows how black text looks on a background with the Hex color B9C6E0.

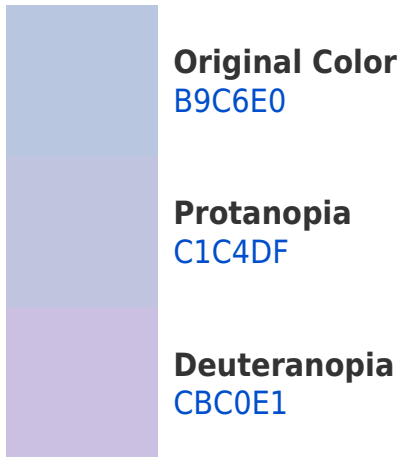


This preview shows how white text looks on a background with the Hex color B9C6E0.

# 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





**Tritanopia**  
B7C7D7

# Trichromacy



**Original Color**  
B9C6E0

**Protanomaly**  
BEC5DF

**Deuteranomaly**  
C4C2E1

**Tritanomaly**  
B8C7DA

# Monochromacy



**Original Color**  
B9C6E0

**Achromatopsia**  
C5C5C5

**Achromatomaly**  
C1C5CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9C6E0 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 #B9C6E0 looks like.

```
.text, #text, p{  
    color:#B9C6E0  
}
```

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 #B9C6E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9C6E0
}
```

## Border

The CSS property to change the border of an element to Hex B9C6E0 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
#B9C6E0 }
```

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

```
.border{ border-color:#B9C6E0 }
```

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

Here you see how a box with a 4 pixel #B9C6E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9C6E0; -webkit-box-shadow:4px 4px  
4px 4px #B9C6E0; box-shadow:4px 4px 4px  
4px #B9C6E0 }
```

# Background

The CSS property to change the background color of an element to Hex B9C6E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9C6E0 }
```

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

```
.background{ background-color:#B9C6E0 }
```

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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