

Converting Colors

Hex(B9C4E6)

Have a look what the booklet for
Hex(B9C4E6) contains.

Hex(B9C4E6)	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(B9C4E6)

Conversions

Conversions Part 1

Format	Color
Hex	B9C4E6
RGB	185, 196, 230
RGB Percent	73%, 77%, 90%
CMY	0.2745, 0.2314, 0.0980
CMYK	0.20, 0.15, 0.00, 0.10
HSL	225°, 47%, 81%
HSV	225°, 20%, 90%
XYZ	54.0304, 55.5073, 82.7292
YIQ	196.5870, -17.4700, 8.2420

Conversions

Conversions Part 2

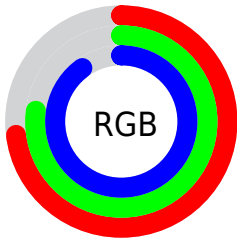
Format	Color
R _Y B	185, 194, 230
Decimal	12174566
CIE Lab	79.33, 3.28, -18.13
CIE LCh	79, 18.427, 280.244
Yxy	55.5073, 0.2810, 0.2887
Android (android.graphics.Color)	4290364646 (0xFFB9C4E6)
YUV	196.5870, 16.4726, -10.1618
Hunter-Lab	74.5032, -0.9308, -13.6840

Details

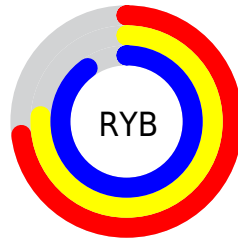
The Hex color **B9C4E6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E6DBB9**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F1FDFF**, and **838EAE** is the 20% darker color. If you saturate the color by 10%, you get **A2B3E6**, and if you desaturate by 10%, it is **D0D5E6**.

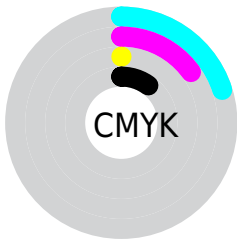
Distribution



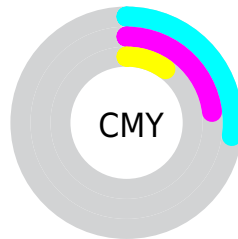
- Red (73%)
- Green (77%)
- Blue (90%)



- Red (73%)
- Yellow (76%)
- Blue (90%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)
- Black (10%)



- Cyan (27%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9C4E6 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 B9C4E6 by changing the saturation by 10% instead.

 B9C4E6

 B9C4E6

FFFFFF

 9EA9CA

 F1FDFD

 838EAE

 6A7594

 515C7A

 394561

 222F49

 0A1A32

 00011E

 000000

 B9C4E6

 B9C4E6

 A2B3E6

 D0D5E6

 8BA1E6

 E7E7E6

 7490E6

 FEF8E6


 5D7EE6

 FFFFE6

 466DE6

 2F5CE6

 184AE6

 0139E6

 0038E6

Harmonies

Analogous

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



A4C9E4



B9C4E6



CFBEDF

Triad

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



B9C4E6



E7BBAF



A6CEB8

Complementary

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



B9C4E6



E6DBB9

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.



B8CAAA



B9C4E6



DDC0A5

Square

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



B9C4E6



E8B9BF



CCC5A3



99CFCA

Rectangle

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



B9C4E6



DBBBD6



CCC5A3



ACCDB3

Sweetspot

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



B9C4E6



F0F3FF



B9E6DB



777980



000000



808080

Same Dimension

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



B9C4E6



C4D3FF



C4B9E6



676A73



002CB3



000C33

Inverse Universe

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



E6B9C4



FFC4D3



DBE6B9



73676A



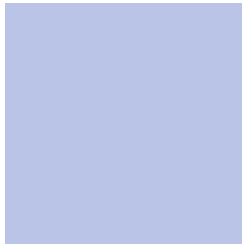
B3002C



33000C

Previews

White Background



This preview shows how the Hex color B9C4E6 looks on a white background.

Color Contrast Check

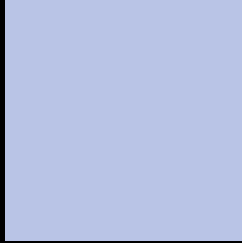
Large Text (above 18pt) WCAG AA × Fail

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 B9C4E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

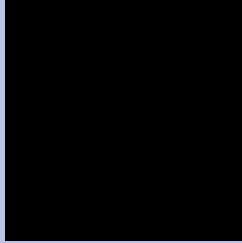
Any Text WCAG AA ✓ Pass

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 B9C4E6 Background



This preview shows how black text looks on a background with the Hex color B9C4E6.



This preview shows how white text looks on a background with the Hex color B9C4E6.

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
B9C4E6

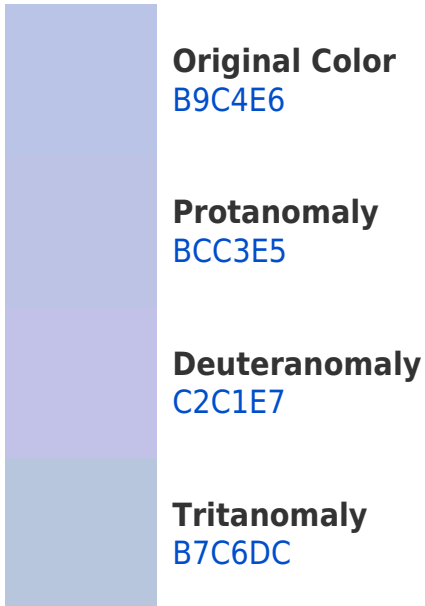
Protanopia
BEC3E5

Deuteranopia
C7C0E7

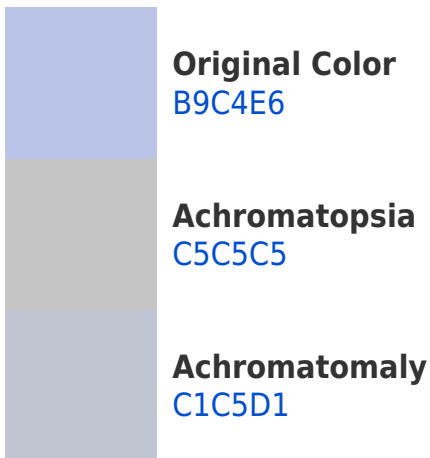


Tritanopia
B6C7D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9C4E6 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 #B9C4E6 looks like.

```
.text, #text, p{  
    color:#B9C4E6  
}
```

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 #B9C4E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9C4E6
}
```

Border

The CSS property to change the border of an element to Hex B9C4E6 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
#B9C4E6 }
```

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

```
.border{ border-color:#B9C4E6 }
```

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

Here you see how a box with a 4 pixel #B9C4E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9C4E6; -webkit-box-shadow:4px 4px  
4px 4px #B9C4E6; box-shadow:4px 4px 4px  
4px #B9C4E6 }
```

Background

The CSS property to change the background color of an element to Hex B9C4E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9C4E6 }
```

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

```
.background{ background-color:#B9C4E6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor