

# Converting Colors

Hex(B38AC7)

Have a look what the booklet for  
Hex(B38AC7) contains.

<b>Hex(B38AC7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B38AC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B38AC7
RGB	179, 138, 199
RGB Percent	70%, 54%, 78%
CMY	0.2980, 0.4588, 0.2196
CMYK	0.10, 0.31, 0.00, 0.22
HSL	280°, 35%, 66%
HSV	280°, 31%, 78%
XYZ	37.9877, 31.8842, 58.1849
YIQ	157.2130, 4.8550, 27.6630

# Conversions

## Conversions Part 2

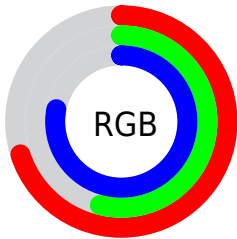
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	179, 138, 199
Decimal	11766471
CIE Lab	63.25, 26.72, -25.67
CIE LCh	63, 37.050, 316.154
Yxy	31.8842, 0.2966, 0.2490
Android (android.graphics.Color)	4289956551 (0xFFB38AC7)
YUV	157.2130, 20.6010, 19.1072
Hunter-Lab	56.4661, 21.2706, -21.5685

# Details

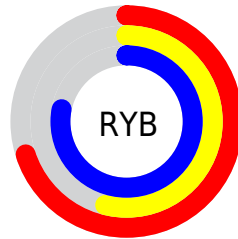
The Hex color **B38AC7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9EC78A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **EBC0FF**, and **7D5791** is the 20% darker color. If you saturate the color by 10%, you get **AC76C7**, and if you desaturate by 10%, it is **BA9EC7**.

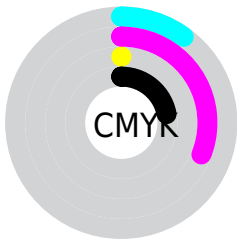
# Distribution



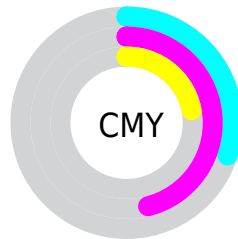
- Red (70%)
- Green (54%)
- Blue (78%)



- Red (70%)
- Yellow (54%)
- Blue (78%)



- Cyan (10%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (46%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B38AC7 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 B38AC7 by changing the saturation by 10% instead.



 B38AC7

 B38AC7

FFFFFF

 9870AC

 EBC0FF

 7D5791

 FFDCFF

 644077

 FFF8FF

 4B295E

 331246

 1E0030

 00011A

 000000

 B38AC7

 B38AC7

 AC76C7

 BA9EC7

 A662C7

 C0B2C7

 9F4EC7

 C7C6C7

 993AC7

 CDDAC7

 9226C7

 D4EEC7

 8C13C7

 DAFFC7

 8600C7

 E1FFC7

 E7FFC7

 EEFFC7

# Harmonies

## Analogous

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



8696D8



B38AC7



CF81AA

# Triad

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



B38AC7



BC9259



02ABAA

# Complementary

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



B38AC7



9EC78A

# 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.



4CAA88



B38AC7



9D9D59

# Square

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



B38AC7



D1876B



78A56A



00A8C8

# Rectangle

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



B38AC7



D87F93



78A56A



25AB9F



# Sweetspot

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



B38AC7



F7E8FF



8A9EC7



7B7180



000000



808080



# Same Dimension

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



B38AC7



E0A1FF



C78ABD



605A63



6E00A3



180024



# Inverse Universe

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



C78A9E



FFA1C0



8AC794



635A5D



A30036

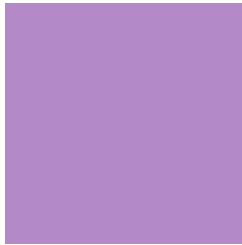


24000C



# Previews

## White Background



This preview shows how the Hex color B38AC7 looks on a white background.

## Color Contrast Check

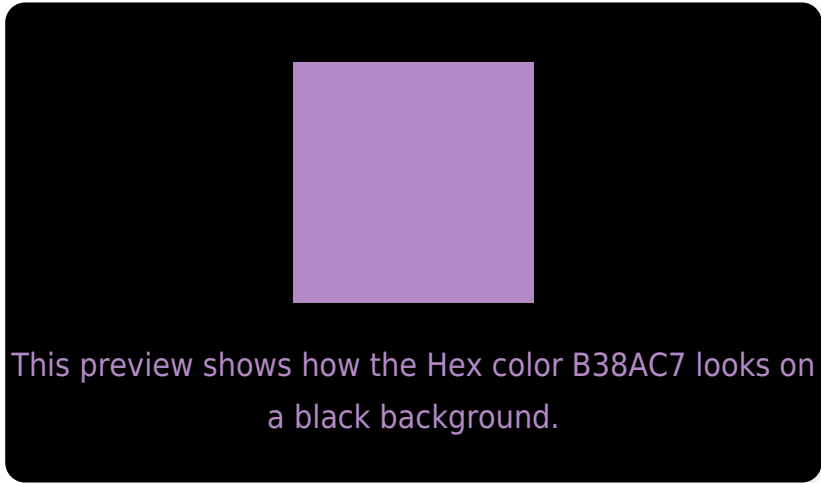
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

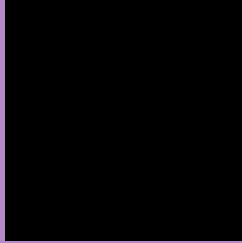
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B38AC7 Background



This preview shows how black text looks on a background with the Hex color B38AC7.

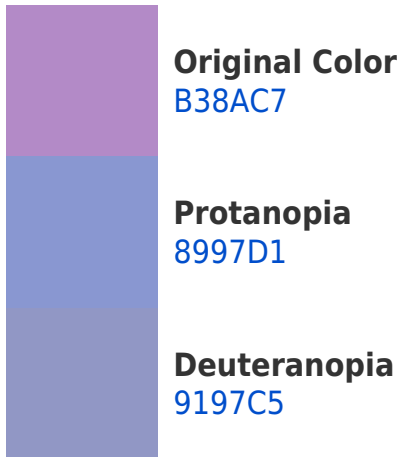



This preview shows how white text looks on a background with the Hex color B38AC7.

# 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](#).

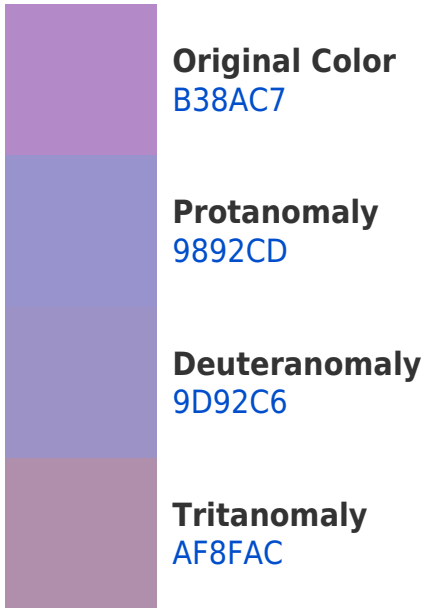
## Dichromacy



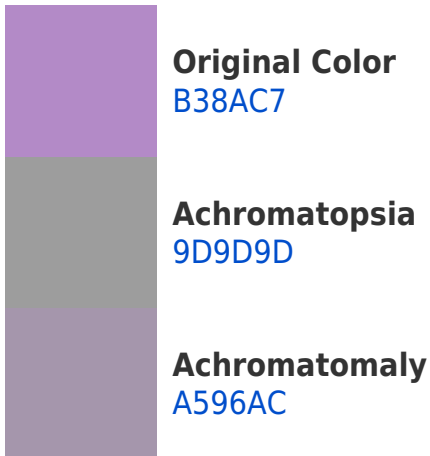


**Tritanopia**  
AD929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B38AC7 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 #B38AC7 looks like.

```
.text, #text, p{  
    color:#B38AC7  
}
```

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 #B38AC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B38AC7
}
```

## Border

The CSS property to change the border of an element to Hex B38AC7 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
#B38AC7 }
```

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

```
.border{ border-color:#B38AC7 }
```

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

Here you see how a box with a 4 pixel #B38AC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B38AC7; -webkit-box-shadow:4px 4px  
4px 4px #B38AC7; box-shadow:4px 4px 4px  
4px #B38AC7 }
```

# Background

The CSS property to change the background color of an element to Hex B38AC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B38AC7 }
```

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

```
.background{ background-color:#B38AC7 }
```

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