

Converting Colors

Hex(B38ACA)

Have a look what the booklet for
Hex(B38ACA) contains.

Hex(B38ACA)	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(B38ACA)

Conversions

Conversions Part 1

Format	Color
Hex	B38ACA
RGB	179, 138, 202
RGB Percent	70%, 54%, 79%
CMY	0.2980, 0.4588, 0.2078
CMYK	0.11, 0.32, 0.00, 0.21
HSL	278°, 38%, 67%
HSV	278°, 32%, 79%
XYZ	38.3396, 32.0249, 60.0378
YIQ	157.5550, 3.8920, 28.5960

Conversions

Conversions Part 2

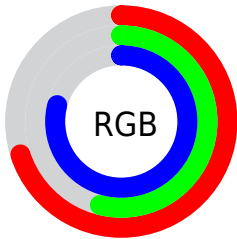
Format	Color
RYB	179, 138, 202
Decimal	11766474
CIELab	63.36, 27.35, -27.17
CIELCh	63, 38.553, 315.192
Yxy	32.0249, 0.2940, 0.2456
Android (android.graphics.Color)	4289956554 (0xFFB38ACA)
YUV	157.5550, 21.9114, 18.8073
Hunter-Lab	56.5906, 21.8985, -23.2883

Details

The Hex color **B38ACA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A1CA8A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **EBC0FF**, and **7D5794** is the 20% darker color. If you saturate the color by 10%, you get **AC76CA**, and if you desaturate by 10%, it is **BA9ECA**.

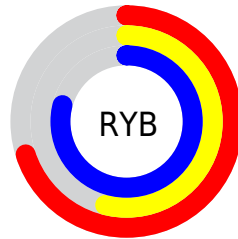
Distribution



Red (70%)

Green (54%)

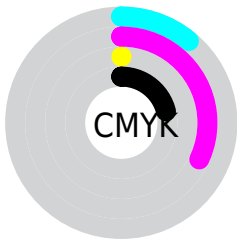
Blue (79%)



Red (70%)

Yellow (54%)

Blue (79%)

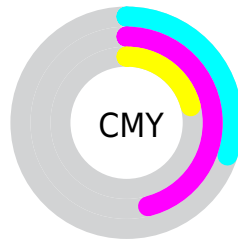


Cyan (11%)

Magenta (32%)

Yellow (0%)

Black (21%)



Cyan (30%)

Magenta (46%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color B38ACA 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 B38ACA by changing the saturation by 10% instead.

 B38ACA

 B38ACA

FFFFFF

 9870AE

 EBC0FF

 7D5794

 FFDCFF

 64407A

 FFF9FF

 4B2961

 331249

 1E0032

 00021C

 000000

 B38ACA

 B38ACA

AC76CA

BA9ECA

A462CA

C2B2CA

9D4DCA

C9C7CA

9639CA

D0DBCA

8F25CA

D7EFCA

8711CA

DFFFCA

8100CA

E6FFCA

EDFFCA

F4FFCA

Harmonies

Analogous

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



8397DB



B38ACA



D180AC

Triad

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



B38ACA



BE9157



00ABAA

Complementary

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



B38ACA



A1CA8A

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.



49AA87



B38ACA



9E9D56

Square

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



B38ACA



D4866A



78A568



00A9C9

Rectangle

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



B38ACA



DA7E95



78A568



1AAC9E

Sweetspot

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



B38ACA



F6E6FF



8AA1CA



7A7080



000000



808080

Same Dimension

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



B38ACA



DC9EFF



CA8AC1



625C66



6A00A6



190026

Inverse Universe

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



CA8AA1



FF9EC1



8ACA93



665C5F



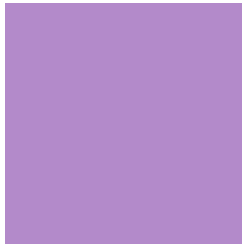
A6003C



26000E

Previews

White Background



This preview shows how the Hex color B38ACA looks on a white background.

Color Contrast Check

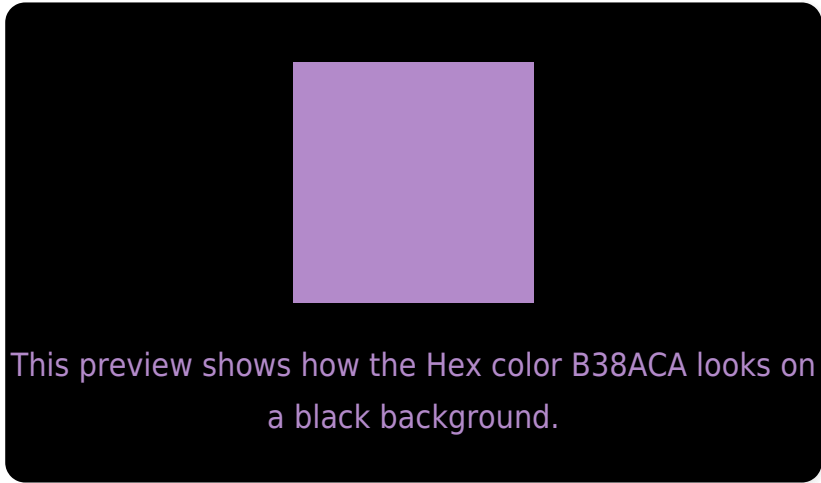
Large Text (above 18pt) WCAG AA × Fail

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 B38ACA Background



This preview shows how black text looks on a background with the Hex color B38ACA.

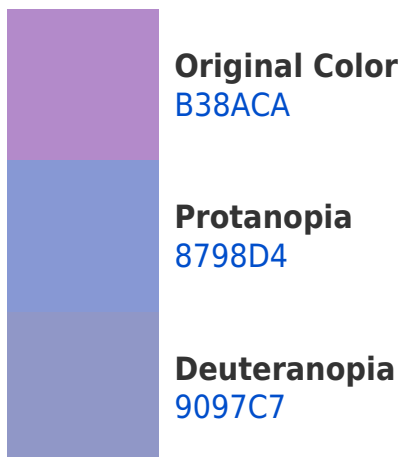


This preview shows how white text looks on a background with the Hex color B38ACA.

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](#).

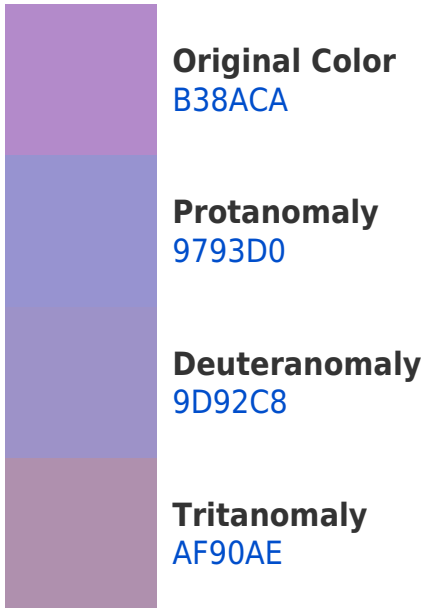
Dichromacy



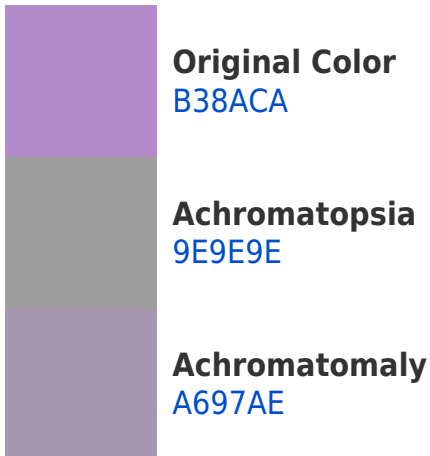


Tritanopia
AC939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B38ACA 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 #B38ACA looks like.

```
.text, #text, p{  
    color:#B38ACA  
}
```

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 #B38ACA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B38ACA
}
```

Border

The CSS property to change the border of an element to Hex B38ACA 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
#B38ACA }
```

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

```
.border{ border-color:#B38ACA }
```

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

Here you see how a box with a 4 pixel #B38ACA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B38ACA; -webkit-box-shadow:4px 4px  
4px 4px #B38ACA; box-shadow:4px 4px 4px  
4px #B38ACA }
```

Background

The CSS property to change the background color of an element to Hex B38ACA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B38ACA }
```

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

```
.background{ background-color:#B38ACA }
```

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