

# Converting Colors

Hex(B38ECF)

Have a look what the booklet for  
Hex(B38ECF) contains.

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# Color

Hex(B38ECF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B38ECF
RGB	179, 142, 207
RGB Percent	70%, 56%, 81%
CMY	0.2980, 0.4431, 0.1882
CMYK	0.14, 0.31, 0.00, 0.19
HSL	274°, 40%, 68%
HSV	274°, 31%, 81%
XYZ	39.5259, 33.4347, 63.4018
YIQ	160.4730, 1.1870, 28.0590

# Conversions

## Conversions Part 2

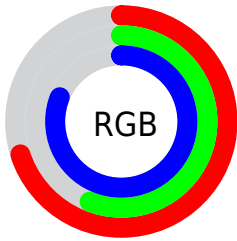
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 142, 207
Decimal	11767503
CIELab	64.51, 26.18, -28.20
CIELCh	65, 38.475, 312.871
Yxy	33.4347, 0.2899, 0.2452
Android (android.graphics.Color)	4289957583 (0xFFB38ECF)
YUV	160.4730, 22.9378, 16.2482
Hunter-Lab	57.8227, 20.8274, -24.5347

# Details

The Hex color **B38ECF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AACF8E**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **EBC4FF**, and **7D5B98** is the 20% darker color. If you saturate the color by 10%, you get **AA79CF**, and if you desaturate by 10%, it is **BCA3CF**.

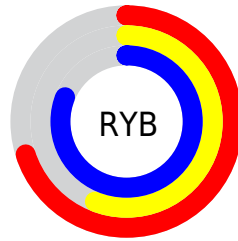
# Distribution



Red (70%)

Green (56%)

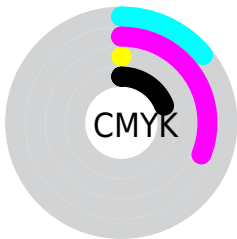
Blue (81%)



Red (70%)

Yellow (56%)

Blue (81%)

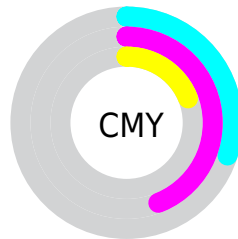


Cyan (14%)

Magenta (31%)

Yellow (0%)

Black (19%)



Cyan (30%)

Magenta (44%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B38ECF 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 B38ECF by changing the saturation by 10% instead.



 B38ECF

 B38ECF

FFFFFF

 9874B3

 EBC4FF

 7D5B98

 FFE0FF

 64437E

 FFFDFD

 4B2C65

 33164D

 1D0036

 000020

 000004

 000000

 B38ECF

 B38ECF

 AA79CF

 BCA3CF

 A165CF

 C5B7CF

 9850CF

 CECCCF

 8F3BCF

 D7E1CF

 8627CF

 E0F5CF

 7D12CF

 E9FFCF

 7600CF

 F1FFCF

 FAFFCF

 FFFF CF

# Harmonies

## Analogous

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



829BDF



B38ECF



D384B2

# Triad

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



B38ECF



C3945B



00AFAB

# Complementary

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



B38ECF



AACF8E

# 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.



51AD87



B38ECF



A49F58

# Square

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



B38ECF



D9886F



7EA869



00ACCA

# Rectangle

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



B38ECF



DD819A



7EA869



28AF9F



# Sweetspot

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



B38ECF



F5E8FF



8EAACF



797180



000000



808080



# Same Dimension

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



B38ECF



D59EFF



CF8ECB



645E69



6000A8



170029



# Inverse Universe

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



CF8EAA



FF9EC8



8ECF92



695E63



A80048

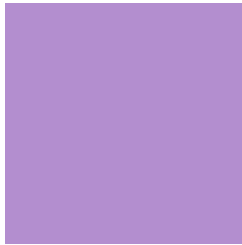


290012



# Previews

## White Background



This preview shows how the Hex color B38ECF looks on a white background.

## Color Contrast Check

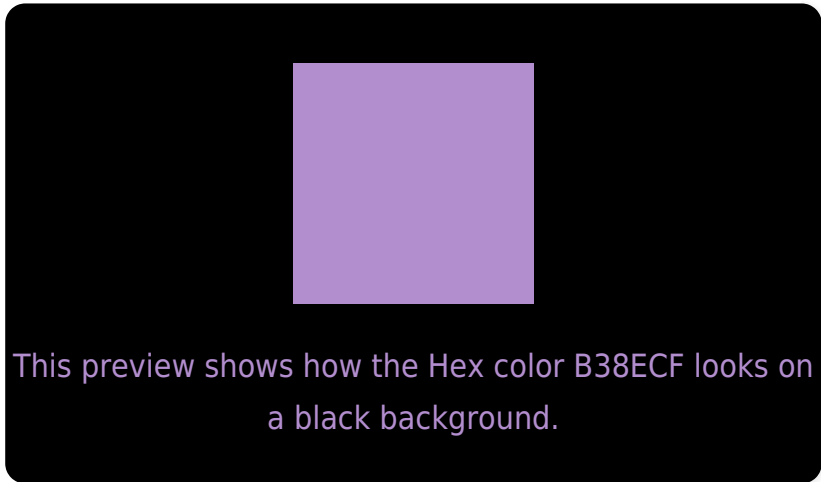
Large Text (above 18pt) WCAG AA × Fail

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

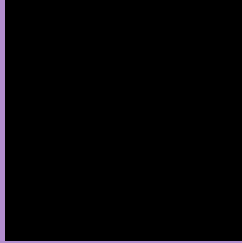
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B38ECF Background



This preview shows how black text looks on a background with the Hex color B38ECF.

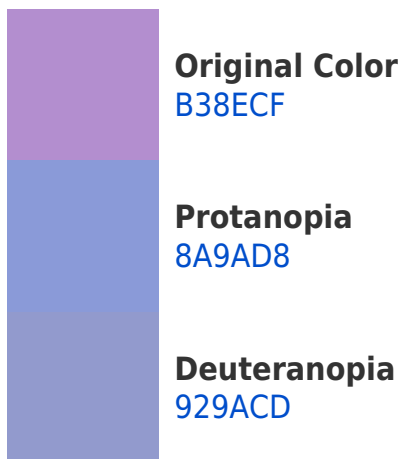


This preview shows how white text looks on a background with the Hex color B38ECF.

# 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](#).

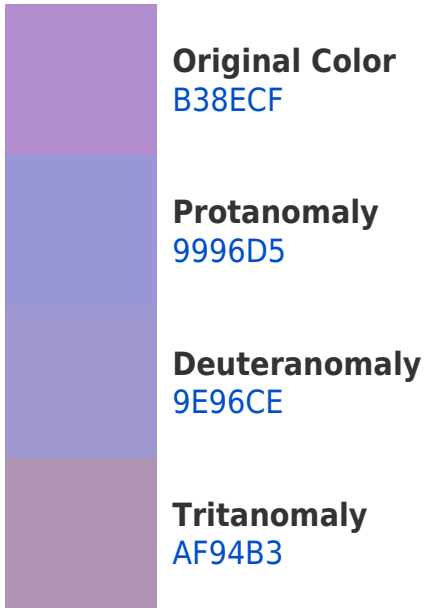
## Dichromacy



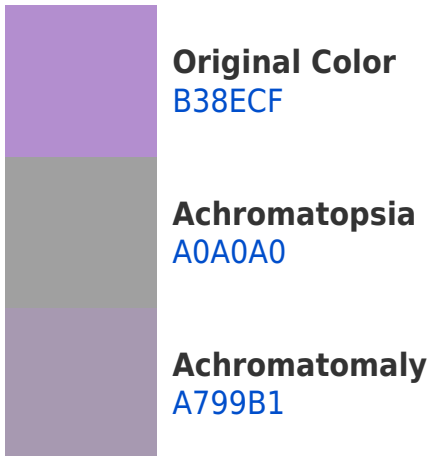


**Tritanopia**  
AC97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B38ECF 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 #B38ECF looks like.

```
.text, #text, p{  
    color:#B38ECF  
}
```

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 #B38ECF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B38ECF
}
```

## Border

The CSS property to change the border of an element to Hex B38ECF is called "border". The border property can be set on classes, ids or directly on the HTML element.

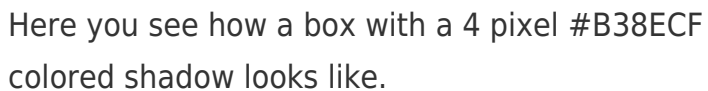
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B38ECF }
```

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

```
.border{ border-color:#B38ECF }
```

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



Here you see how a box with a 4 pixel #B38ECF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B38ECF; -webkit-box-shadow:4px 4px  
4px 4px #B38ECF; box-shadow:4px 4px 4px  
4px #B38ECF }
```

# Background

The CSS property to change the background color of an element to Hex B38ECF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B38ECF }
```

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

```
.background{ background-color:#B38ECF }
```

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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