

# Converting Colors

Hex(B38DC7)

Have a look what the booklet for  
Hex(B38DC7) contains.

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# **Color**

**Hex(B38DC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B38DC7
RGB	179, 141, 199
RGB Percent	70%, 55%, 78%
CMY	0.2980, 0.4471, 0.2196
CMYK	0.10, 0.29, 0.00, 0.22
HSL	279°, 34%, 67%
HSV	279°, 29%, 78%
XYZ	38.4241, 32.7570, 58.3304
YIQ	158.9740, 4.0300, 26.0940

# Conversions

## Conversions Part 2

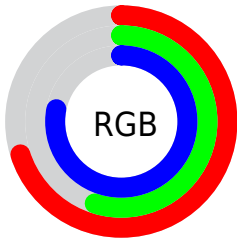
Format	Color
<b>RYB</b>	179, 141, 199
Decimal	11767239
CIELab	63.96, 25.04, -24.56
CIELCh	64, 35.075, 315.545
Yxy	32.7570, 0.2967, 0.2529
Android (android.graphics.Color)	4289957319 (0xFFB38DC7)
YUV	158.9740, 19.7328, 17.5628
Hunter-Lab	57.2337, 19.6777, -20.3625

# Details

The Hex color **B38DC7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A1C78D**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **EBC3FF**, and **7E5A91** is the 20% darker color. If you saturate the color by 10%, you get **AC79C7**, and if you desaturate by 10%, it is **BAA1C7**.

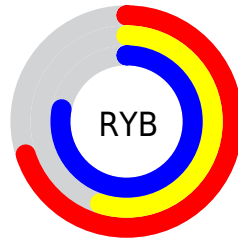
# Distribution



Red (70%)

Green (55%)

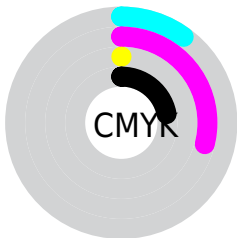
Blue (78%)



Red (70%)

Yellow (55%)

Blue (78%)

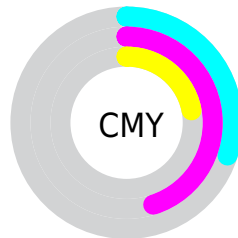


Cyan (10%)

Magenta (29%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (45%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B38DC7 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 B38DC7 by changing the saturation by 10% instead.



 B38DC7

 B38DC7

FFFFFF

 9873AC

 EBC3FF

 7E5A91

 FFDFFF

 644277

 FFFCFF

 4B2C5E

 341646

 1E0030

 00011A

 000000

 B38DC7

 B38DC7

 AC79C7

 BAA1C7

 A565C7


 C1B5C7

 9E51C7

 C8C9C7

 983DC7

 CEDDC7

 912AC7

 D5F1C7

 8A16C7

 DCFFC7

 8302C7

 E3FFC7

 8200C7

 EAFFC7

 F1FFC7

# Harmonies

## Analogous

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



8898D7



B38DC7



CE84AB

# Triad

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



B38DC7



BD945F



27ACAB

# Complementary

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



B38DC7



A1C78D

# 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.



54AB8A



B38DC7



9F9E5E

# Square

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



B38DC7



D18970



7CA66E



1CA9C7

# Rectangle

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



B38DC7



D78396



7CA66E



37ACA0



# Sweetspot

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



B38DC7



F7E8FF



8DA1C7



7B7180



000000



808080



# Same Dimension

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



B38DC7



E0A6FF



C78DBE



605A63



6B00A3



170024



# Inverse Universe

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



C78DA1



FFA6C5



8DC796



635A5D



A30038

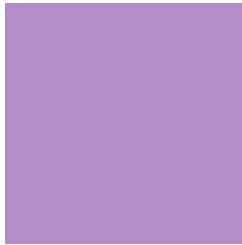


24000C



# Previews

## White Background



This preview shows how the Hex color B38DC7 looks on a white background.

## Color Contrast Check

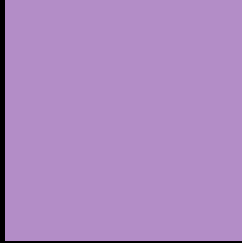
Large Text (above 18pt) WCAG AA × Fail

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 B38DC7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

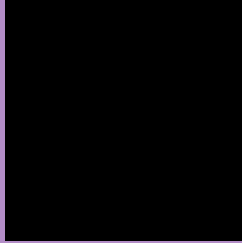
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B38DC7 Background



This preview shows how black text looks on a background with the Hex color B38DC7.

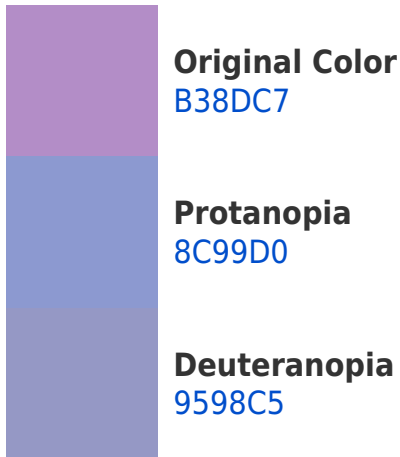


This preview shows how white text looks on a background with the Hex color B38DC7.

# 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](#).

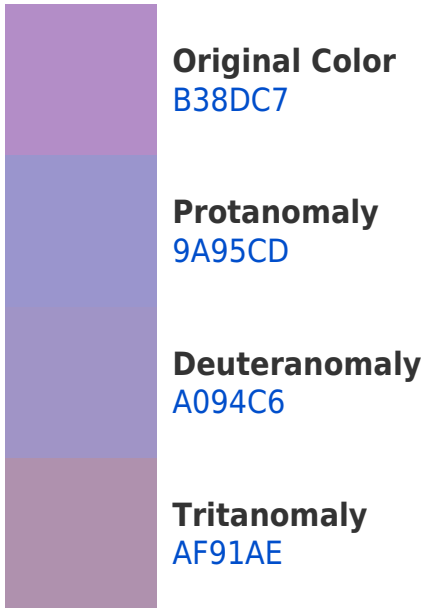
## Dichromacy



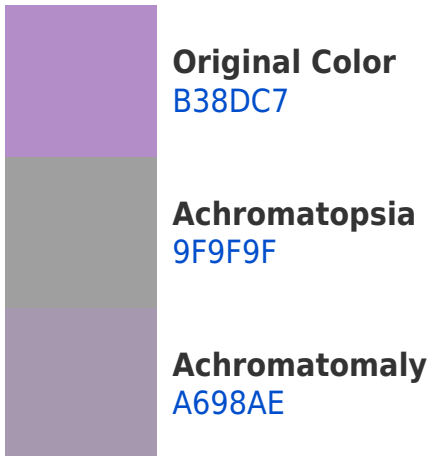


**Tritanopia**  
AD94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B38DC7 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 #B38DC7 looks like.

```
.text, #text, p{  
    color:#B38DC7  
}
```

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 #B38DC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B38DC7
}
```

## Border

The CSS property to change the border of an element to Hex B38DC7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

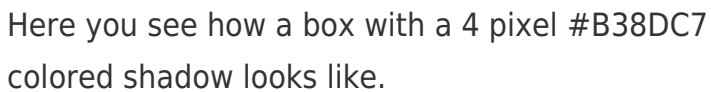
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B38DC7 }
```

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

```
.border{ border-color:#B38DC7 }
```

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



Here you see how a box with a 4 pixel #B38DC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B38DC7; -webkit-box-shadow:4px 4px  
4px 4px #B38DC7; box-shadow:4px 4px 4px  
4px #B38DC7 }
```

# Background

The CSS property to change the background color of an element to Hex B38DC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B38DC7 }
```

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

```
.background{ background-color:#B38DC7 }
```

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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