

# Converting Colors

Hex(B382BA)

Have a look what the booklet for  
Hex(B382BA) contains.

<b>Hex(B382BA)</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(**B382BA**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B382BA
RGB	179, 130, 186
RGB Percent	70%, 51%, 73%
CMY	0.2980, 0.4902, 0.2706
CMYK	0.04, 0.30, 0.00, 0.27
HSL	292°, 29%, 62%
HSV	292°, 30%, 73%
XYZ	35.4360, 29.0941, 50.2024
YIQ	151.0350, 11.2280, 27.8040

# Conversions

## Conversions Part 2

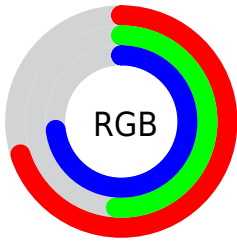
Format	Color
<a href="#">RYB</a>	<a href="#">179, 130, 186</a>
Decimal	<a href="#">11764410</a>
CIELab	<a href="#">60.86, 28.55, -21.98</a>
CIElCh	<a href="#">61, 36.034, 322.405</a>
Yxy	<a href="#">29.0941, 0.3089, 0.2536</a>
Android (android.graphics.Color)	<a href="#">4289954490 (0xFFB382BA)</a>
YUV	<a href="#">151.0350, 17.2377, 24.5253</a>
Hunter-Lab	<a href="#">53.9390, 22.8748, -17.4255</a>

# Details

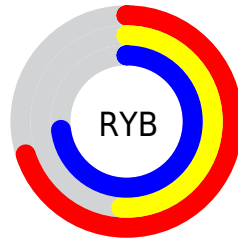
The Hex color **B382BA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89BA82**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **EBB8F2**, and **7D5085** is the 20% darker color. If you saturate the color by 10%, you get **B16FBA**, and if you desaturate by 10%, it is **B595BA**.

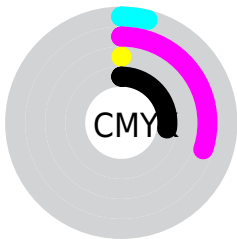
# Distribution



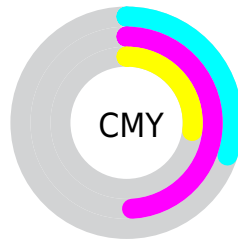
- Red (70%)
- Green (51%)
- Blue (73%)



- Red (70%)
- Yellow (51%)
- Blue (73%)



- Cyan (4%)
- Magenta (30%)
- Yellow (0%)
- Black (27%)



- Cyan (30%)
- Magenta (49%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B382BA 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 B382BA by changing the saturation by 10% instead.



 B382BA

 B382BA

FFFFFF

 98689F

 EBB8F2

 7D5085

 FFD3FF

 64386B

 FFF0FF

 4B2153

 330A3C

 210026

 00010F

 000000

 B382BA

 B382BA

 B16FBA

 B595BA

 AE5DBA

 B8A7BA

 AC4ABA

 BABABA

 AA38BA

 BCCCBA

 A725BA

 BFD FBA

 A512BA

 C1F2BA

 A300BA

 C3FFBA

 C6FFBA

 C8FFBA

# Harmonies

## Analogous

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



8A8ECE



B382BA



CB7A9C

# Triad

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



B382BA



AF8E53



00A3AA

# Complementary

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



B382BA



89BA82

# 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.



3EA389



B382BA



8F9857

# Square

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



B382BA



C68362



6A9F6B



00A0C4

# Rectangle

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



B382BA



D07A87



6A9F6B



10A49F



# Sweetspot

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



B382BA



F0DCF2



8289BA



796D7A



FAFAFA



7A7A7A



# Same Dimension

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



B382BA



E79BF2



BA82A5



5B535C



88009C



19001C



# Inverse Universe

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



BA8289



F29BA6



82BA97



5C5354



9C0013

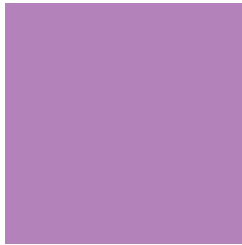


1C0004



# Previews

## White Background



This preview shows how the Hex color B382BA looks on a white background.

## Color Contrast Check

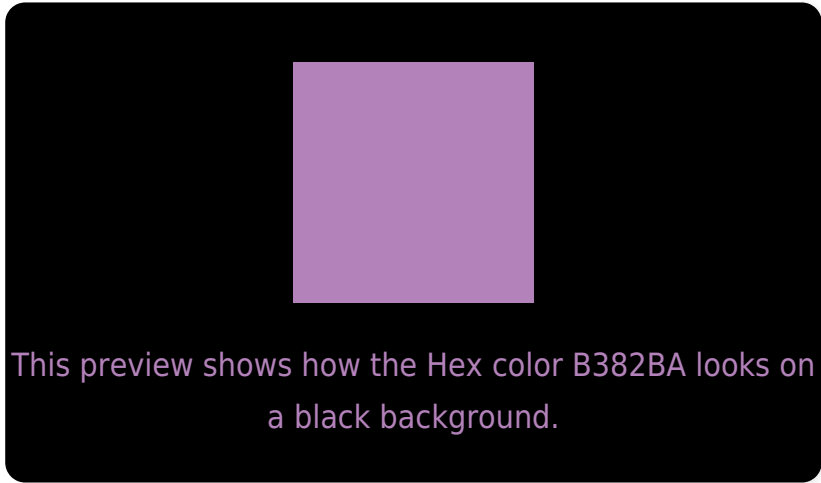
Large Text (above 18pt) WCAG AA ✓ Pass

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

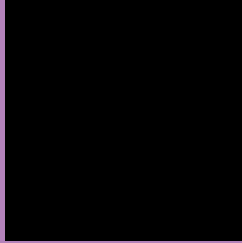
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B382BA Background



This preview shows how black text looks on a background with the Hex color B382BA.

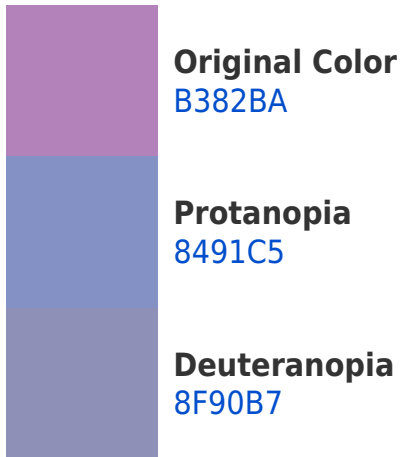


This preview shows how white text looks on a background with the Hex color B382BA.

# 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](#).

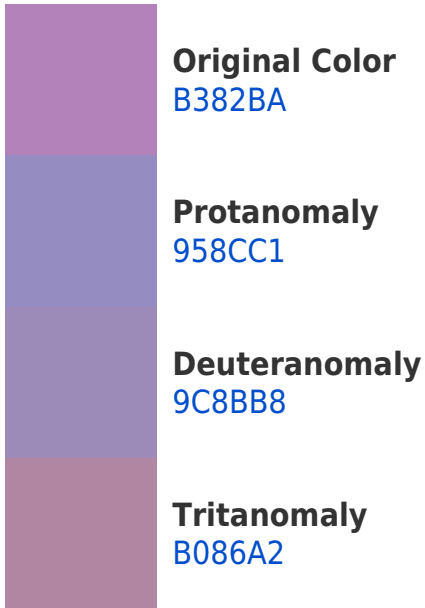
## Dichromacy



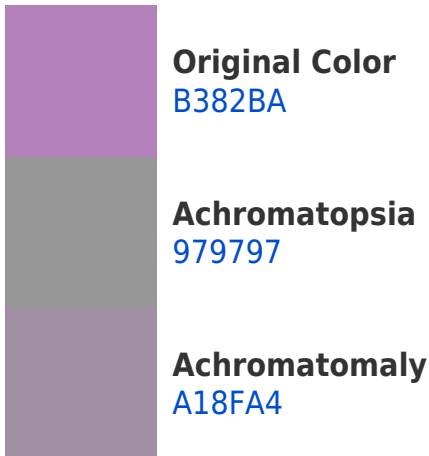


**Tritanopia**  
AE8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B382BA 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 #B382BA looks like.

```
.text, #text, p{  
    color:#B382BA  
}
```

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 #B382BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B382BA
}
```

## Border

The CSS property to change the border of an element to Hex B382BA 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
#B382BA }
```

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

```
.border{ border-color:#B382BA }
```

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

Here you see how a box with a 4 pixel #B382BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B382BA; -webkit-box-shadow:4px 4px  
4px 4px #B382BA; box-shadow:4px 4px 4px  
4px #B382BA }
```

# Background

The CSS property to change the background color of an element to Hex B382BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B382BA }
```

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

```
.background{ background-color:#B382BA }
```

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