

# Converting Colors

Hex(B472A9)

Have a look what the booklet for  
Hex(B472A9) contains.

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# **Color**

**Hex(B472A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B472A9</a>
RGB	<a href="#">180, 114, 169</a>
RGB Percent	<a href="#">71%, 45%, 66%</a>
CMY	<a href="#">0.2941, 0.5529, 0.3373</a>
CMYK	<a href="#">0.00, 0.37, 0.06, 0.29</a>
HSL	<a href="#">310°, 31%, 58%</a>
HSV	<a href="#">310°, 37%, 71%</a>
XYZ	<a href="#">32.0011, 24.6025, 40.5982</a>
YIQ	<a href="#">140.0040, 21.6810, 31.0970</a>

# Conversions

## Conversions Part 2

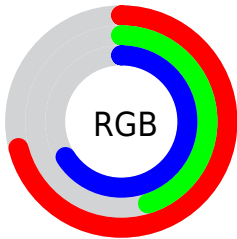
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 114, 169
Decimal	11825833
CIE <sub>Lab</sub>	56.69, 34.54, -18.63
CIE <sub>LCh</sub>	57, 39.242, 331.658
Yxy	24.6025, 0.3292, 0.2531
Android (android.graphics.Color)	4290015913 (0xFFB472A9)
YUV	140.0040, 14.2950, 35.0765
Hunter-Lab	49.6009, 28.3617, -13.8081

# Details

The Hex color **B472A9** is a light color, and the websafe version is hex **996699**. A complement of this color would be **72B47D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **EDA7E0**, and **7E4075** is the 20% darker color. If you saturate the color by 10%, you get **B460A6**, and if you desaturate by 10%, it is **B484AC**.

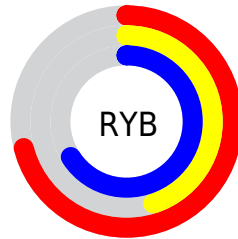
# Distribution



Red (71%)

Green (45%)

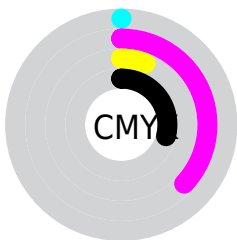
Blue (66%)



Red (71%)

Yellow (45%)

Blue (66%)

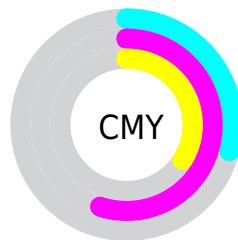


Cyan (0%)

Magenta (37%)

Yellow (6%)

Black (29%)



Cyan (29%)

Magenta (55%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B472A9 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 B472A9 by changing the saturation by 10% instead.



 B472A9

 B472A9

FFFFFF

 99598E

 EDA7E0

 7E4075

 FFC3FD

 64285C

 FFDFFF

 4B0E44

 FFFCFF

 33002E

 1C0019

 000000

 B472A9

 B472A9

 B460A6

 B484AC

 B44EA3

 B496AF

 B43CA0

 B4A8B2

 B42A9D

 B4BAB5

 B4189A

 B4CCB8

 B40697

 B4DEBB

 B40096

 B4F0BE

 B4FFC1

 B4FFC4

# Harmonies

## Analogous

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



8D7EC2



B472A9



C76C87

# Triad

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



B472A9



9B8742



0099AB

# Complementary

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



B472A9



72B47D

# 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.



009A89



B472A9



78914C

# Square

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



B472A9



B77A4C



4C9766



0094C3

# Rectangle

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



B472A9



C96D71



4C9766



0099A0



# Sweetspot

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



B472A9



EBD1E6



7D72B4



756673



F5F5F5



757575



# Same Dimension

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



B472A9



EB83D9



B47288



595058



99007F



1A0015



# Inverse Universe

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



B472A9



EB83D9



72B49E



595058



99007F

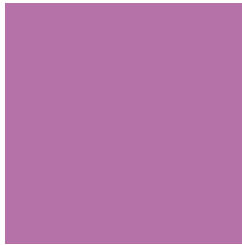


1A0015



# Previews

## White Background



This preview shows how the Hex color B472A9 looks on a white background.

## Color Contrast Check

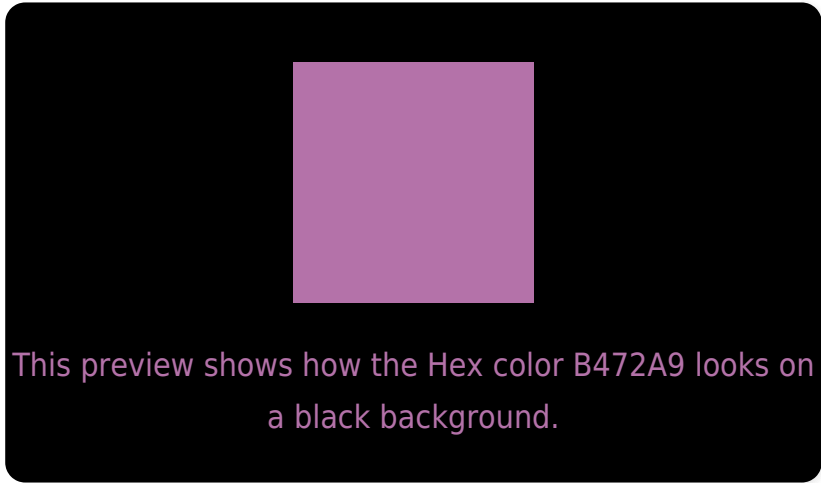
Large Text (above 18pt) WCAG AA ✓ Pass

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

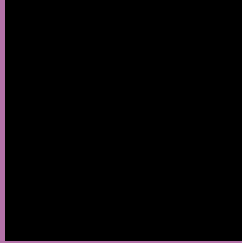
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B472A9 Background



This preview shows how black text looks on a background with the Hex color B472A9.

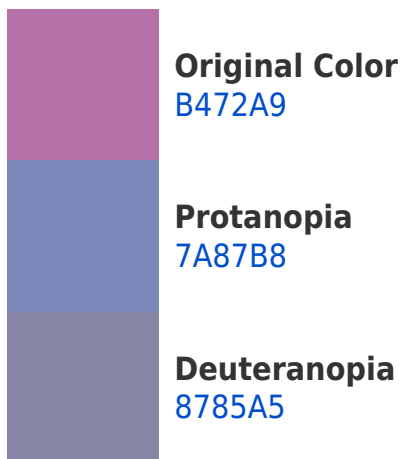



This preview shows how white text looks on a background with the Hex color B472A9.

# 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](#).

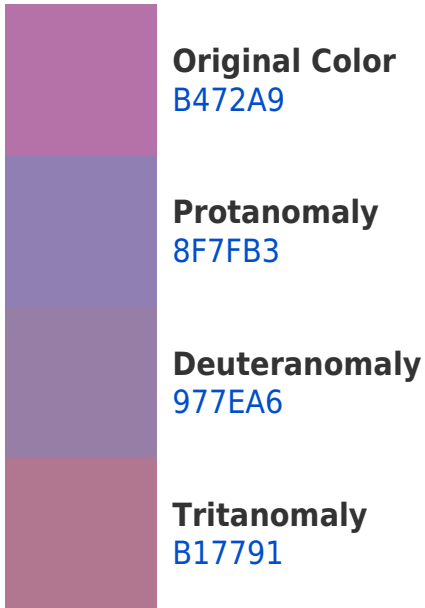
## Dichromacy





**Tritanopia**  
AF7A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B472A9 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 #B472A9 looks like.

```
.text, #text, p{  
    color:#B472A9  
}
```

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 #B472A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B472A9
}
```

## Border

The CSS property to change the border of an element to Hex B472A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

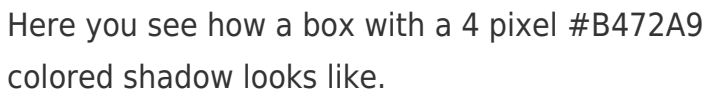
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B472A9 }
```

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

```
.border{ border-color:#B472A9 }
```

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



Here you see how a box with a 4 pixel #B472A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B472A9; -webkit-box-shadow:4px 4px  
4px 4px #B472A9; box-shadow:4px 4px 4px  
4px #B472A9 }
```

# Background

The CSS property to change the background color of an element to Hex B472A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B472A9 }
```

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

```
.background{ background-color:#B472A9 }
```

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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